DOCUMENT RESUME

ED 311 279 CE 053 309

AUTHOR Feingold, S. Norman
TITLE Futuristic Exercises. A Workbook on Emerging Lifestyles and Careers in the 21st Century and Beyond.
REPORT NO ISBN-0-912048-63-8
PUB DATE 89
NOTE 125p.; For companion handbook, see CE 053 189.
AVAILABLE FROM Garrett Park Press, P.O. Box 190W, Garrett Park, MD 20896 ($13.00; $12.00 prepaid).
PUB TYPE Guides - Classroom Use - Materials (For Learner) (051)

EDRS PRICE MF01 Plus Postage. PC Not Available from EDRS.
DESCRIPTORS *Brainstorming; *Divergent Thinking; *Emerging Occupations; *Futures (of Society); *Group Discussion; Life Style; *Long Range Planning; Prediction; Social Change; Values

ABSTRACT

This workbook, which is intended to be used in conjunction with the handbook entitled "New Emerging Careers: Today, Tomorrow, and in the 21st Century," contains exercises designed to help individuals or groups of people envision future careers, life-styles, and jobs and their significance to workers and society. Chapter 1 introduces the workbook. Chapter 2 explains how to do the more than 460 futuristic exercises with a group and provides a list of the 48 interest categories of exercises, general guidelines, and information on how to get started, how to facilitate group work, how to report to a larger group, and how to close an exercise session. Chapter 3 contains 462 exercises, each of which is a short scenario about what could happen in the future to individuals, countries, society, and humankind in general. Participants are asked what effect the events in the scenario would have on them personally or on a larger group and/or what action they or others should take in response to the events in a scenario. Chapter 4 consists of exercises that involve participants in drawing potential future situations (such as volleyball on the moon or immortality) and discussing their drawings. Chapter 5 explains the value of participating in futures exercises. Chapter 6 contains 65 true/false questions about life today and in the future, and gives the answers in some detail. Chapter 7 asks participants to predict the chances (in percentages) that the stated activities will take place by the years 2000 and 2050. An index of exercises by topic is included, and the document concludes with a selected bibliography of 90 references. (CML)

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A Workbook on Emerging Lifestyles and Careers in the 21st Century and Beyond

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FUTURISTIC EXERCISES:

A WORK BOOK
FOR EMERGING LIFESTYLES
AND CAREERS
IN THE 21st CENTURY AND BEYOND

by

S. Norman Feingold

ABOUT THE AUTHOR

Dr. S. Norman Feingold is President of the National Career and Counseling Services in Washington, DC. For many years, he served as National Director of the B'nai B'rith Career and Counseling Services. He holds the bachelor's degree from Indiana University, the master's from Clark University, and the doctor's from Boston University. He has served on the national boards of most of the major associations in the guidance field including a term as President of the Association for Counseling and Development. He has written over 45 books, many articles, and is a frequent speaker and consultant in the counseling field both in the United States and abroad. For years, he has had a special interest in the future and its impact upon career opportunities.

Dr. Feingold is a professional member of the World Future Society. He writes a Futuristic Quiz in each issue of *The Futurist* magazine. A psychologist he is a frequent speaker on futuristic topics and also conducts Futuristic Exercises workshops. He is listed in *Who's Who in America*.

Library of Congress Cataloging in Publication Data

Feingold, S. Norman
Futuristic exercises.

Bibliography: p.
Includes index.
1. Twenty-first century--Forecasts--Problems, exercises, etc. 2. United States--Occupations--Forecasting --Problems, exercises, etc. 3. Life style--Forecasting --Problems, exercises, etc. I. Title.
CB161.F383 1989 303.4'9'0905 88-83433
ISBN 0-912048-63-8

Copyright © 1989 S. Norman Feingold
ISBN 0-912048-63-8
Library of Congress CCN 88-083433

Published and distributed by the
Garrett Park Press
PO Box 190B
Garrett Park, MD 20896

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FOREWORD

Futuristic Exercises: A Work Book for Emerging Lifestyles and Careers in the 21st Century and Beyond is a mind-stretching book that is a delight to read.

It challenges the reader to meet problems and issues before they arrive and become difficult. The author, Dr. S. Norman Feingold, has a strong and positive approach which views problems and issues as challenging opportunities rather than occasions for handwringing. In his opinion the 21st Century will probably be very different from the present one and he clearly senses it will likely be a lot better.

Our present world would certainly be mind boggling to most people of any previous century. The one constant today is change itself. By facing and anticipating change, we can dilute fear of the unknown and act in ways that are most appropriate for both ourselves and society at large. That is a major goal of this book.

The creative futuristic exercises in the book are coded by category such as future careers, work, technology, values, space, medicine, health, law, lifestyles, ethics, etc. so that persons can join or conduct exercises in areas of particular interest or concern. Feingold is a professional member of the World Future Society. He writes a Futurist quiz which appears in each issue of *The Futurist* Magazine. He has conducted many of the futuristic exercises described in this book at workshops at various colleges and universities and for organizations in the United States and abroad as well as at international conferences of the World Future Society. The workshops at the international conferences were particularly exciting because of the international flavor and input of the participants. Feedback has shown that people easily become involved in futuristic exercises. Learning takes place in a setting that is conducive to enjoyment and thinking at the same time.

This book complements some of the goals of the World Future Society in its thrust to share information, development, possibilities and forecasts concerning a wide variety of subjects from aging to space habitats. Like the Society, this book attempts to make people aware of the short and long term implication of change for both the individual and society.

The hands-on experiences with futuristic exercises in this workbook lend reality to our looking ahead over eons of time in the future as we have now in looking at the past.

Dr. Feingold's book reflects the outlook of a licensed psychologist who has a long-time interest in emerging new careers and lifestyles. He believes, as I do, that however exciting and changing our society is now, it will probably be even more so a century from now. The most exciting statement is that the author points out that hundreds of thousands of people here today will still be around a hundred years from now.

It's a great time to be alive and grab a fistful of tomorrow. Dr. Feingold's futuristic exercises can help the reader take a more positive journey into the future.

In the United States today there are about 30,000 different jobs titles and hundreds of different lifestyles. How astounding to think of the situation when Ben Franklin could walk through the streets of Philadelphia and point out to his son all the jobs that were available.

It is nice to look back at interesting and creative times in the past, but the future carries the vision and reality of tomorrow. This is what futuristic exercises and this book are all about.

Edward Cornish, President
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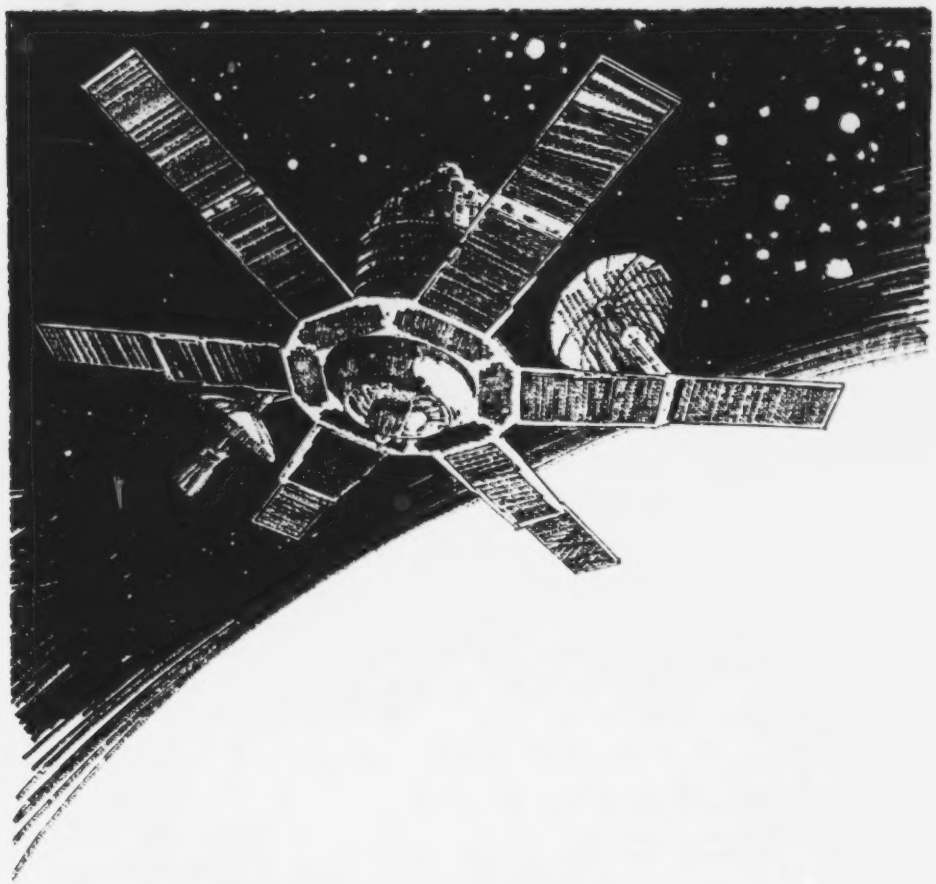
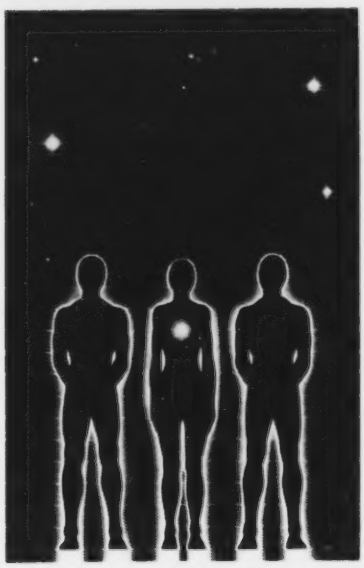


CHAPTER I
INTRODUCTION

Futuristic Exercises: A Work Book for Emerging Lifestyles and Careers in the 21st Century and Beyond is to be used in combination with the book *New Emerging Careers: Today, Tomorrow and in the 21st Century*.

The future is now. Don't let others determine what is possible for you to do. Let us all grab together a fistful of tomorrow. It is exciting in 1988 but it will be even more so in the year 2088.



Millions of people alive today will still be around in 2088! What a story they will be able to tell. Future people will cope effectively with a heritage from earth and a bright future living in space habitats sprinkled deep throughout the galaxies. Each one has a part to play and it will make a difference.

John Galsworthy said, many years ago, "If you don't think about the future, you can't have one." Dr. David Campbell said, "If you do not know where you are going, you'll probably end up somewhere else." Work so often determines where one lives, what one earns, who one marries—if one marries at all—and one's overall lifestyle. It takes up most of a person's time and significantly affects most other important aspects of our lives.

Change is a constant for all facets of living and growing; occupations and careers are no exception. The accelerated speed of change is the new dimension, and it demands faster responses. This acceleration and its inherent challengers can be expected to continue well into the 21st century.

Careers have changed from time immemorial. Now new careers are emerging so rapidly and, in some cases, changing so continuously that it is not possible to compile for each new field standardized information on its advantages and disadvantages, education or training needed, working conditions, number of workers, typical earnings, etc. Many colleges, particularly community colleges, now offer creative courses leading to new careers. Other institutions, including the private sector, are educating and training personnel for new technical work. The shift from menial to mental work is a critical one. An economy based largely on professional work requires a more highly trained work force.

This book is designed to help people prepare for careers and life tomorrow. Its exercises help expand thoughts about the meaning of new careers, lifestyles, jobs and their significance to workers and to society. Individuals will find the exercises thought provoking and interesting. Doing them in groups provides each participant with ideas beyond what he or she may generate alone.

Reading at least one chapter from *New Emerging Careers: Today, Tomorrow and in the 21st Century* and then doing a related futuristic exercise in this book is an excellent way to

start. The active learning, the mind-stretching and "look-to-the-future" that will be accessed is amazing. This easy to use technique stimulates preparation for the massive challenges that are anticipated in our daily lives from the immediate to the far distant future.

Futuristic exercises are "group-think" combined with a stimulating game approach. They provide a fine balance to the increasingly complex physical, social, ethical, psychological, and economic society in which we all live. They encourage individuals or those in a group setting to stretch their minds and seek new ways of meeting problems and issues in creative and productive ways. Futuristic exercises are ideally suited to the study of occupations, jobs, careers, leisure and lifestyles.

Futuristic exercises encourage many segments of the population to be actively involved in helping solve, modify or change foreseeable and potential societal and individual problems. They anticipate issues in order to grab them as opportunities. They help one develop a number of strategies so that individuals and organizations see the whole as well as the parts. This approach can constantly be updated as new problems and issues evolve whether at the local, state, national, or international levels.

The 460 plus futuristic exercises deal with actual and potential changes in family, ethics, space, careers, medicine, marriage, technology, values, leisure, and lifestyles, etc. Just as the automobile changed work and leisure, the computer changed office procedures, and the airplane changed transportation, research and inventions will affect how we work, play, and live in the near and far future. The exercises vary in their complexity. Sufficient time is required to explore each issue or problem in some depth.

Futuristic drawing exercises are listed in Chapter IV. The 37 exercises are self explanatory. They should be a lot of fun and offer unique opportunities for participants to be creative as they project "answers" both in drawings and verbally.

CHAPTER II

HOW TO CONDUCT FUTURISTIC EXERCISES

Futuristic exercises may be used in many different settings and to meet varied purposes. The following procedures have proved to be stimulating to the largest number of people. The number of participants in any one exercise depends upon the time and space available. Each exercise is lead by an individual group facilitator who is selected by the participants.

Select the specific exercise or exercises based upon the interests of the group. The 460 futuristic exercises are broken down into 48 categories. They are:

Aging	Economics	Health	Resources
Arts	Education	Human Beings	Robots
Business	Emerging Careers	International Affairs	Small Business
Careers	Energy	IQ	Society
Cities	Environment	Law	Space
Communication	Ethics	Leisure	Technology
Computers	Family	Lifestyles	Training
Counseling	Food	Marriage	Transportation
Creativity	Forecasting	Medicine	Values
Crime	Future	Ocean	War
Development	Government	Religion	Weather
Drugs	Habitats	Research	Work

Most exercises fit into more than one category and are crosslisted under each in the Index of Futuristic Exercises. A few fall into as many as eleven categories.

General Guidelines

1. Sufficient time is needed to explore the issues involved in these futuristic exercises. At least an hour is usually needed to complete an exercise. Some complex exercises require considerably more time.

2. The room must be large enough to accommodate one or a number of small groups. Participants in each group usually sit on chairs that form a circle.

3. A broad presentation by a career or lifestyle counselor, who acts as team leader, prior to the futuristic exercises is recommended.

4. Groups may choose a topic to explore together or an exercise may be assigned by the meeting leader. The latter is recommended.

5. Individuals may wish to explore the topic of the exercise in advance since background knowledge can help creativity.

6. Criticism of ideas offered by participants at the beginning of an exercise should be avoided. Brainstorming of ideas often helps.

7. A friendly, creative atmosphere is most important. The committee leader, facilitators, and recorders help set and maintain an optimistic thrust.

8. Exercises can be videotaped or tape recorded for training purposes.

9. Pads of paper, pencils, chalk, flip charts, and a blackboard can be used to advantage. A podium and microphone are desirable.

10. Suggested procedures assume preplanning by the meeting leader. Of course, if a futuristic exercise is started on the spur of the moment in a social, small gathering, some modifications are necessary.

Getting Started

The meeting leader takes about 20–30 minutes to cover highlights of the topic under consideration. It usually takes at least 30–45 minutes for the group discussion and about 5–10 minutes for each group recorder to summarize the discussion and decisions of his or her group.

The meeting leader asks the participants to break up into groups of seven to ten people. Less than seven and more than ten people in a group is not recommended. At this time, instructions are also given for "group housekeeping activities." It is very important that each participant be ready to assume the active role of being a member of a "blue ribbon presidential committee."

Individual Groups

The meeting leader tells each group to select, as quickly as possible, a facilitator and recorder. Each group facilitator's role is to help keep the group on target and prevent one or two people from dominating the session. The recorder for each group keeps notes of the group discussions and summarizes orally the session and group consensus decisions.

The meeting leader visits each group and takes brief notes on what is taking place. He or she may also answer questions that emanate from any group.

Reporting to the Entire Group

After the recorder for each group gives a content summary, the meeting leader briefly summarizes what has taken place in each of the groups. Similarities and differences between groups, including the dynamics of consensus decision making, are presented. Each group is asked questions such as:

Did the futuristic exercise seem to be real?

Did everyone participate?

How many of you changed your mind because of the group discussion?

Would you like to participate in another futuristic exercise? Yes____ No____
Why?

Were you comfortable with the decisions of your group?

Can you use a futuristic exercise approach to solve some of your own career or lifestyle problems?

Did the exercises stretch your mind?

Was it a fun exercise?

Did the futuristic exercises bring you closer together as a group?

When exercises ended, was there still active interaction?

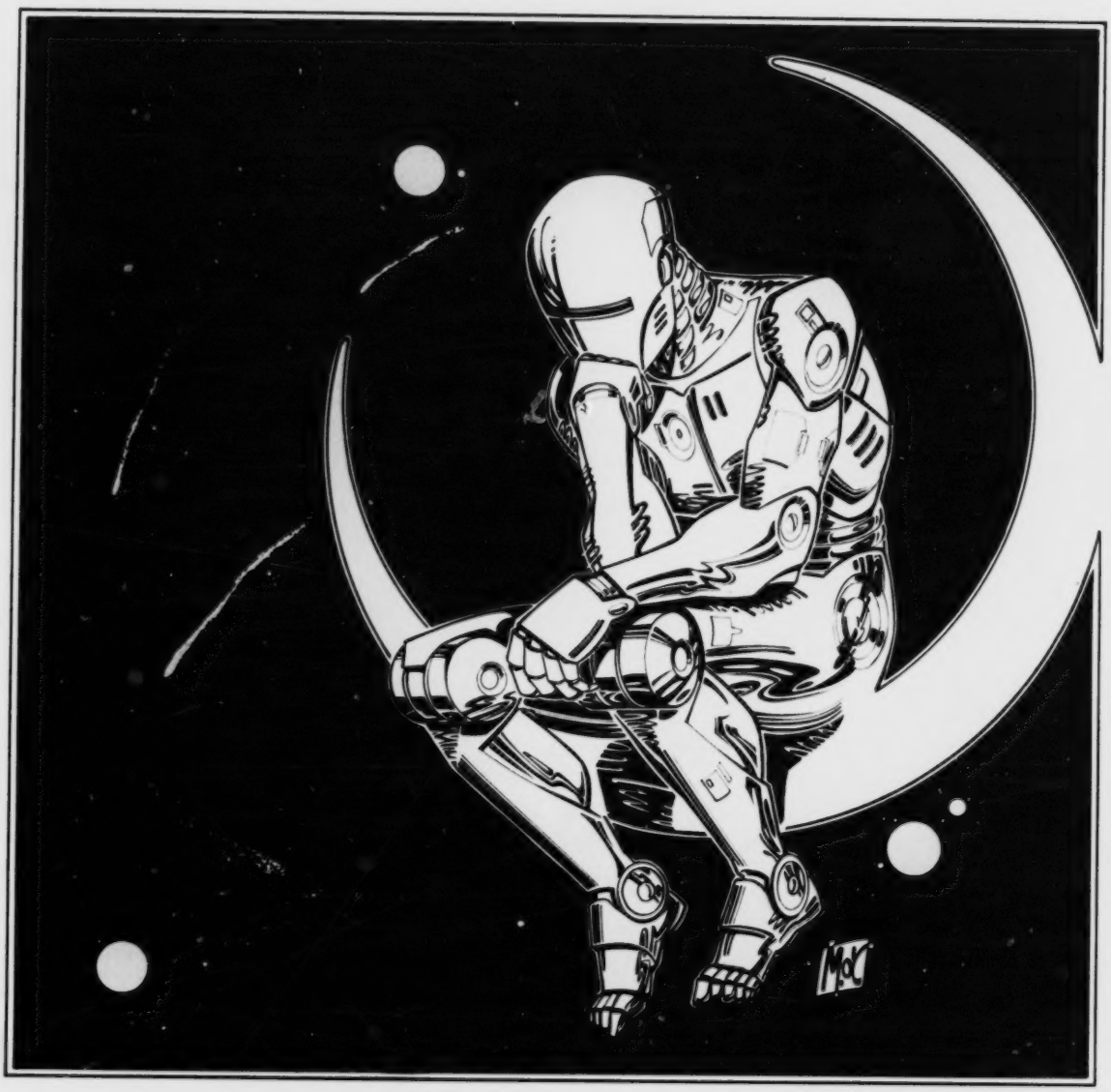
Can decisions be made by government, industry, and private groups using futuristic exercises? Yes____ No____? Why?

What did you learn?

Will you use this technique in solving personal problems and issues?

Closing the Session

At the close of the session the meeting leader distributes free reading material and a selected bibliography pertinent to the session's futuristic exercise. The room should be available for those who wish to chat further after the formal program has terminated.



CHAPTER III

FUTURISTIC EXERCISES

NO.

1 You are shipwrecked and left exhausted on a remote island of the Pacific. You are the only survivor. All you have are the wet clothes on your back. There are no people on the island, but there are fruit trees and small animals. What are you going to do in order to survive? Be as specific as you can.

2 You are operated on. In order to save your life, you need a blood transfusion. It results in your getting AIDS, which in turn you give to your wife. What can you both do? Why?

3 The United States government is running a research project on accommodation of human beings to being alone for long periods of time. The information gained will be helpful to the space program. Persons selected will be placed on an island with sufficient food and water to survive, but no human companionship for five years. The salary will be high. The person will be allowed one magazine and three books. Will you accept this assignment? Yes____ No____ Why? If the answer is yes, what magazine and three books would you take to the island? Why?

4 You have been married 25 years and regard it as a good marriage. One Friday evening, your spouse comes home early from work and says, "I want a divorce." What do you say or do? Why?

5 You voluntarily take an AIDS test. But down deep know that the odds are all in your favor that all is "O.K." You are not a member of any risk group. The results come in. You have AIDS. What will you do? Why?

6 You finally come to the conclusion after much contemplation over a long period of time that you have ESP ability. Too many things have happened to you that can no longer be relegated to chance or coincidence. Close friends believe you have a special gift. What will you do? Why?

7 An astrologer writes a column in a local newspaper. Predictions for you are constantly on target. The astrologer is correct in many projections. You are becoming anxious in making decisions without direct consultation with the astrologer. What will you do? Why?

8 Paper clothing is now available for all kinds of clothing, including undergarments at far less cost than traditional clothing. Is this a good idea? Yes____ No____? Why? Will you try paper clothes? Yes____ No____? Why? What effect will this have on society?

9 A new cream is available that will stop the growth of hair and the beard on a man's face. There are no side effects. The procedure is irreversible. Is this a good idea? Yes____ No____? Why? Will you try it? Yes____ No____? Why?

10 You own a large, beautiful home in a delightful rural community. You love the location and the neighbors but deer are multiplying and spreading Lymes Disease in the area. Conservationists have prevented hunting of the deer. What can you do? Why?

11 Implants from animals are now available for humans for liver, kidney, heart, spleen, etc. You need a new liver. No human donor is available. Any further delay will lead to your death. Will you accept an animal liver? Yes____ No____? Why?

12 New emerging careers such as astrogeology, cosmochemistry and comparative planetology are now available in a planet that is too far away in light years to return to planet earth. Will you be willing to take the trip because of the tremendous scientific possibilities in these new careers? Yes____ No____? Why?

13 You return to the office late at night having forgotten your billfold. Passing by one of the offices with lights on you see your married boss and your wife's best friend together in a strong embrace. They don't see you. What do you do? Or don't do? Why?

14 Primitive life has been created in a private laboratory by two renowned scientists. Further advances and breakthroughs are imminent. The "new life" is chemically different from the composition of human life on earth. Is this research a good idea? Yes____ No____? Why? Should they continue their research work? Yes____ No____? Why? Should they notify the Federal Government? Yes____ No____? Why?

15 You are able to spend a day with five persons of your choice, living or dead. Who would you choose and why?

16 You have just won a lottery of $15,000,000. Will you change your life style? Yes____ No____? Why? If yes, how and what will you do differently with the windfall?

17 You are captain of a sinking ship. The last lifeboat has only one more place left. Your wife and daughter are with you. Who do you help get into the lifeboat? Why?

18 People who strongly advocate peace at any price have been warned by the party in power that they will now be put in prison for life. Will you be willing to allow one or more of these people to stay in your home even if you get the death penalty if caught? Yes____ No____? Why?

19 You are married with five children, ages:

	Boy	Girl	Boy	Boy	Girl
Age	4	7	9	11	13

You are unemployed and deeply in debt. You can have two of the children adopted to help alleviate the financial pressure. What do you do? If you decide to let two children be adopted, which two will you select? Why?

20 You have the power to make five major changes in our society as it exists today. What would you do? Why?

21 Your family doctor, whom you respect and admire, has told you after your annual physical that you have at the very best six months to live. If you wish, you can have a second opinion. What will you do? Why? The second opinion confirms little real hope for survival. What will you do? Why?

22 Cryonic suspension for humans has grown as an option to regular funeral procedures. The person's body is placed immediately upon death in a cylinder with nitrogen about 450° below zero. Hopefully, the person is to be awakened when medical science is capable of returning the body to life. The procedure is very costly. Will you try it? Yes____ No____? Why?

23 You are 11 years younger than your spouse, who is 68 years old. Should you start to prepare for the likelihood of living at least ten years as a widow or widower? Yes____ No____? Why?

24 The United States government is sponsoring research on dress customs of men and women. As part of the study, 1,000 men and 1,000 women will wear traditional clothes of the opposite sex for two years. Is this a good idea? Yes____ No____? Why? Will you be willing to be a subject of this research? Yes____ No____? Why?

25 Twenty-five unfriendly, brilliant people arrive in the U.S.A. from a planet 25 light years away. Their appearance is different than humans on earth. They want to take 20 outstanding earth humans of both sexes to visit their planet. If accepted, will you go? Yes____ No____? Why?

26 A guru's image has grown to tremendous dimensions all over the world. He has now been invited to the U.S.A. by the President for a special speaking tour as well as individual meetings. If invited, will you go to speak to the guru? Yes____ No____? Why? If you decide to go, what will you say to the guru? What questions would you like answered?

27 A pill has been developed that allows you to go without any sleep and with no adverse effects. You cannot reverse the pill's thrust. Is this a good idea? Yes____ No____? Why? If you will take the pill, describe how you will use the extra 6-12 hours daily? Prioritize your activities.

28 The use of surrogate mothers is increasing all over the world. You are appointed to a Blue Ribbon Interdisciplinary International Presidential Committee to set up written working guidelines within 180 days for approval of candidates for surrogate motherhood. The Committee is to formulate a plan based on consensus decision making. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

29 You are appointed to a Blue Ribbon Interdisciplinary International Presidential Committee to set up working guidelines for selection of kidney, heart, liver, pancreas, etc.

transplants. The working guidelines can be different, for example, for heart donors than for kidney donors, etc. A written report is due in 120 days. If in a group, try to come to a consensus decision as to criteria, policies and working guidelines to meet the problems of organ transplant recipients.

30 Primitive life has been created in a private research laboratory by two scientists who are world-renowned for new discoveries in biology. No one else knows of this breakthrough. More complex living matter can also soon be developed. Is this a good idea? Yes____ No____? Why? What should the scientists do or not do? Why? Should they let the Federal government know? Yes____ No____? Why?

31 Hibernation is available for animals and humans. It is being used for space trips to distant planets. Should it be used for average citizens who want to try it out on earth? Yes____ No____? Why?

32 Genetic engineering has been able to produce a third sex for humans that is similar to animals and plants that can "function" both as male and female. Is it a good idea? Yes____ No____? Why? What are the ethical implications? What guidelines are necessary? Will you try it? Yes____ No____? Why?

33 A pill has been developed that allows a person to get younger each year after reaching a certain age. The process can continue a number of times in a person's lifetime. Is this a good idea? Yes____ No____? Why? Will you take the pill? Yes____ No____? Why? What working guidelines are needed? If in a group, try to come to a consensus decision as to policies and working guidelines to meet the issue.

34 A genetic pill has been developed that allows you to be in good health and to live to 150 years. Is the idea a good one? Yes____ No____? Why? Will you take the pill? Yes____ No____? Why? What implications are there for society? What policies and working guidelines are necessary? If in a group, try to come to a consensus decision as to policies and working guidelines to meet the issue.

35 Free optional outplacement services by a consultant firm will be provided to fired employees on Monday and Tuesday. Do you go? Yes____ No____? Why? What do you do next? Why?

36 You have three years with a medium sized company in the electronics industry until you are eligible for retirement. You have worked for this company during most of your working career. Out of the blue, the company is taken over by a larger company. Most of the old employees, including yourself, are let go. What do you do? Why?

37 The Federal government is studying the health and evolutionary effects of induced darkness on humans. Selected healthy people will spend one year in total darkness in a selected lab. Complete tests will be made of the person's physical and mental health as well as any changes in the eyes. Those selected will be able to hear music, talk with colleagues, etc. but all functions—eating, eliminating, etc. will be in complete darkness. The space medical program is particularly interested in the study. Do you approve of this research? Yes____ No____? Why? Will you apply? Yes____ No____? Why?

38 Nutritionists have discovered a way to increase longevity by at least twice using a restricted and prescribed diet. Food will not be as tasty as most food but will be filling. If the person drops out of the program, serious side effects will take place immediately. Is this a good idea? Yes____ No____? Why? Are you willing to try the new health program? Yes____ No____? Why?

39 A sophisticated testing machine based on 25 years research has been developed that will tell an individual with great accuracy for what job or career he or she is best suited. Will you try out this test? Yes____ No____? Why?

40 There is a new law just passed after much debate by the Federal government which allows people to change jobs or careers at any time they wish; but under this new law, however, there will be a complete reversal as far as money is concerned. For example, doctors will earn the salaries of janitors and vice versa. All jobs and careers will need to meet the earning requirements. Is this a good idea? Yes____ No____? Why? Will you choose the same career? Yes____ No____? Why? Will you choose another career? Yes____ No____? Why?

41 The Federal government will sponsor and pay for the complete training or education of people who have one trade or profession and wish to learn another related one on a full or part time basis. For each year's full time equivalent education or training, the recipient must give one year of community service in the new trade or profession. Is this a good idea? Why? Will you consider this option? Yes____ No____? Why?

42 Through biotechnology, men and women can be now cloned to exactly what is wanted in body build, sex, skin, and eye color, intelligence, personality, etc., and even job and/or career aptitude. Is this a good idea? Yes____ No____? Why? If you want a cloned human, what do you want? Why?

43 Through genetic engineering, in over 50 years the world will soon be composed of healthy humans who live to an advanced age (120) and the minimum IQ in humans is equivalent to that of the late Albert Einstein. Is this a good idea? Yes____ No____? Why? Will you approve of research of this kind? Yes____ No____? Why? What kind of society do you envision if this actually takes place? What will be some of the issues? If in a group, try to come to a consensus decision as to policies and working guidelines to meet the issue.

44 Assuming there is no terrorism, nuclear or traditional war any place in the world, what new accomplishments will take place 50 years from now that do not exist today? Be as specific as you can.

45 Space probes to many hundreds of planets and galaxies show no sign of any life. Should the expensive probes continue? Yes____ No____? Why? If scientists on earth find no life on other planets and galaxies, how will this affect life on earth?

46 A new drug enables the recipient to live in good health beyond today's longest life span. The injection, however, must be given by age 30. Is this a good idea? Yes____ No____? Why? Will you try it? Yes____ No____? Why?

47 A plague has swept across the entire world. Death is wiping out millions of people. An international medical team has developed a new drug that can save the lives of a limited number of people. How are people to be chosen to receive the drug? If in a group, try to come to a consensus decision as to policies and working guidelines to meet the issue.

48 A biological scientist working alone in a small laboratory discovers a new elixir as an offshoot of some biotechnological research. She tries the elixir on herself; it stops her cells from aging. There are no side effects. What should she do now and in the foreseeable future? Should she notify the Federal government. Yes____ No____? Why?

49 Judy and Bob love the greater Seattle area where they have lived for the last 15 years. They have two teenagers. They have many friends and a busy social life. They buy a big house on Thursday, July 14, 1998, and pass papers; the price and mortgage better than they ever thought possible. On Friday, July 15, Bob receives a letter from the CEO of the company. It tells him that he has been assigned to the New York office with a boost in salary, higher level duties and much more travel. What can this couple do? What are their options? How can they come to an appropriate decision? If in a group, try to come to a consensus decision as to policies and working guidelines to meet the problem.

50 The largest number of men in the U.S.A. who are fired from their jobs or careers are those married with nearly all work experience with one employer and in their early forties. You are appointed to a Blue Ribbon Interdisciplinary International Presidential Committee to explore the problem in depth and come up with a consensus decision as to what may be short and long range goals to solve or ameliorate this problem. Is this a good idea? Yes____ No____? Why? Will you serve? Yes____ No____? Why? If yes, what are the issues that must be faced early on?

51 You notice one of your colleagues, and a friend, at your office is stealing rolls of stamps, two and three times a week. This is done after nearly all staff have left for the day. You are not sure whether or not your colleague knows that you know. What do you do? Or not do? Why?

52 By pure chance, you hear the CEO and the Chairman of the Board of the company you work for discuss their taking over the company in a merger during the next month. The company is listed on the New York Stock Exchange. What will you do? Or not do? Why?

53 If you were able to live your life all over again but had to make a choice of either marriage or a career, which one would you choose? Why?

54 The Federal government is going to make it mandatory that all workers have a sabbatical year every seven years (like college professors) with pay. What will you do when you get your year off with pay? Be as specific as you can.

55 You have been hired for a career position. Everything is going just great. You like your supervisor, your peers and the work site. The salary, however, is at the minimum you could accept even though they paid your moving costs. After two months on the job, you receive another career or job offer that is the ideal career job. The work and salary

are better than you dreamed possible. You must make a decision within a few days. What will you do? Why?

56 Presidential committees are set up for all the various professions, such as medicine, law, clergy, psychology, biology, teaching, etc. Each committee will attempt, through consensus decision making, to project the breakthroughs which may be expected by the year 2000 and the year 3000 in their area of expertise. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue. This same exercise may be done with the trades, business and industry, etc.

57 You are appointed to a Presidential Blue Ribbon Interdisciplinary International Committee to take a futuristic look at the world. What breakthroughs may be expected in the year 2000 and the year 3000? The consensus projections of the Committee will be placed in two time capsules. One capsule will be opened in the year 2000 and the other in the year 3000. Is this a good idea? Yes____ No____? Why? Will you serve on this Committee? Yes____ No____? Why?

58 Facing grief is one of the most, if not the most, agonizing experiences. Many people in the U.S.A. have experienced grief. Tens of thousands of people die each year from accidents, disease, old age, crime, natural disasters, war, terrorism and other causes. The coping skills of those who take the loss in good stride differ from those who find the trauma of shock has a severe negative affect on their work and lifestyle. The President has appointed a Blue Ribbon Interdisciplinary International Committee to determine the severity of grief in the general population and what can be done to solve or ameliorate the problem by appropriate education or training. Is this a good idea? Yes____ No____? Why? Will you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

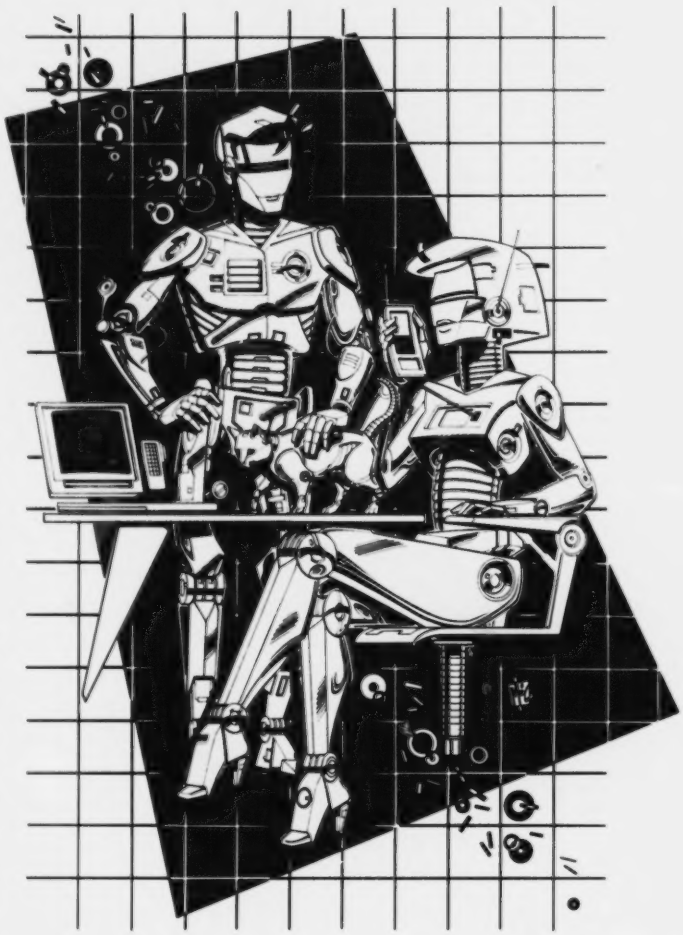
59 The Federal government is sponsoring research on the physical and emotional effects upon humans if they are kept from three to five years in a submarine without surfacing. The Department of Defense is particularly interested; the results have great implications in case of a nuclear war. You are appointed to a Presidential Blue Ribbon Interdisciplinary International Panel to set up working guidelines for this research and its implications for the U.S.A. Is this a good idea? Yes____ No____? Why? Will you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

60 It is the year 2500. A talent bank of all exceptionally brilliant, compassionate people on earth will soon be available. Is this a good idea? Yes____ No____? Why? What can or should be done with the talent bank? Will you participate? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

61 New, unusually hearty, beautiful, or handsome, exceptionally brilliant people can be cloned. Is this a good idea? Yes____ No____? Why? What are the effects on society? Are you in favor? Yes____ No____? Why? Do you want to be cloned? Yes____ No____? Why?

62 It is the year 10,000. Very sophisticated robots now take care of people in nearly every possible way to make life easier for humans in every aspects of their lives. Is this a good idea? Yes____ No____? Why? What working guidelines are needed at present and for the eons afterward as robots take fuller roles of service? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

63 Genetic engineering enables animals and other creatures to have IQs as high or higher than humans. Is this a good idea? Yes ____? No____? Why? What will this mean in our new relations to animals, including use for food, etc. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.



64 ESP has developed worldwide. Children in preschool can use this sense. Describe a typical day for youth and adults using this new gift of ESP.

65 The Federal government has just built a complex city far underground to see how well people can cope and remain healthy in an environment without sunlight and no physical contact with the outside world. The city may also provide a relatively secure place for essential work done by key scientists and government officials with great expertise in their career. Are you in favor of this experimental city? Yes____ No____? Why? What other benefits are possible? Will you volunteer your services? Yes____ No____? Why?

66 All kinds of new animals have been created through genetic engineering. For example, cows the size of elephants now give three times more milk. You are visiting a zoo in the year 20,000. What kinds of animals do you see?

67 It is the year 2500. Thousands of new well-known plants, animals and fish with high nutritional value are not eaten even though people are starving. What can be done to turn this problem around through change of attitude? Is this a good idea? Yes____ No____? Why? You are appointed to a Presidential Blue Ribbon Interdisciplinary International Committee to come to grips with the problem. Will you serve? Yes____ No____? Why? What immediate and long range steps can be taken to solve or alleviate

the situation? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

68 New nutritional foods have been developed. New ones are on the drawing board but world hunger is still a major problem. Is further research a good idea? Yes____ No____? Why? Will you be willing to take part in experiments to alleviate or solve world hunger? Yes____ No____? Why?

69 It is the year 3000. The minority population in the U.S. has now become the majority. What are the implications for society? Should there be new immigration laws? What short and long-range planning is needed? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

70 It is the year 15,500. There is no land available in the U.S.A. for earth burial. Many people still want earth burial. The President has appointed a Blue Ribbon Interdisciplinary International Committee to prepare in writing within 180 days, working guidelines to alleviate, modify or solve the problem. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

71 It is the year 2050. Thousands of careers have passed into oblivion. A society based on leisure rather than work is soon to be on Planet Earth. Is this a good idea? Yes____ No____? Why? What new working guidelines for the new life style are needed in the short and long range? The President has appointed a Blue Ribbon Interdisciplinary International Committee to set up, in writing within 180 days, working guidelines to meet these new issues in society. Is this a good idea? Yes____ No____? Why? Will you serve? Yes____ No____? Why?

72 Your close friend has cancer. His immediate family, including his son, a doctor, does not want him to know that his cancer is terminal. He told you not to interfere with the family's decision. Your friend suspects he has cancer and says, "I trust you; tell me the truth." What can or will you do in meeting this ethical question? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

73 A space ship of the U.S. Star Fleet landed on an asteroid never visited in prior explorations. The asteroid immediately beneath the surface contains gold in unbelievable amounts. Thousands of tons can easily be mined. Is this a good idea? Yes____ No____? Why? How will this gold discovery affect society in different countries? What should be done legally and otherwise to prevent panic and confusion? Should the Federal government be notified first? Yes____ No____? Why?

74 It is the year 1995. Homeless people in the U.S. have spread from large cities to small towns. Newly built shelters for the homeless cannot keep up with the demand. A Blue Ribbon Interdisciplinary International Committee is set up by the President to provide within 90 days workable guidelines to help meet the emergency. Will you serve if selected? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

75 Flying in "no gravity" on Earth is a new hobby for thousands of people on Planet Earth. What new games or variations of present ones are possible? Will you try this hobby? Yes____ No____? Why?

76 Through a new telescope we have proof of advanced, peaceful life on planets that will take at least 500 earth years to reach. Is it a good idea to travel to this planet? Yes____ No____? Why? Should the greatest funding and people support be given to such a long-range project? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

77 The code to understanding the "Language of Dolphins" has been finally uncovered by two U.S. scientists after decades of research. Is this a good idea? Yes____ No____? Why? What questions should we ask the dolphins? What shall we tell them to bring humans even closer to the dolphins, who appear intelligent and caring?

78 It is the year 160,000. All diseases have been conquered on Planet Earth. All the food needed worldwide is available. Describe this new society as you see it. What careers or jobs are no longer needed? What new careers may have evolved over the centuries? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

79 A small group of extraterrestrials land in the U.S.A. They are very friendly but further advanced than humans on Earth in health and "IQ." What can be done by our government and private enterprise to meet their challenges?

80 A group of 150 extraterrestrials land on Planet Earth. They are intelligent and friendly but do not look like humans in any of their physical features. They want to stay on Earth and see if lasting relationships can be developed in all aspects of life including marriage, children, etc. Is this a good idea? Yes____ No____? Why?

81 Earth humans now live in excellent health as long as they want to. All body parts are available for replacement as they are worn out. How long do you want to live? What kind of society do you envision? Be as specific as you can.

82 It is the year 90,000. Crime and wars have been eliminated. Peace and quality health is the norm. All people have extremely high IQ's. How do you envision society if this comes to pass? What do you want to do? Why?

83 It is the year 2075. Addictive and mind altering drugs have spread in the U.S. to the extent that the Nation must act. A Blue Ribbon Interdisciplinary International Committee has been established. The Government will carry out the drug testing for job candidates and already hired. Is this a good idea? Yes____ No____? Why? Will you be tested? Yes____ No____? Why?

84 It is the year 2021. Espionage against the U.S.A. has increased dramatically in spite of dedicated and creative efforts of the CIA and FBI. A Blue Ribbon Interdisciplinary International Committee has been appointed by the President to see what new working guidelines might be initiated, with an assist from private citizens. A written report is

required to be on the President's desk within 90 days. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

85 It is the year 95,000. Marriage between residents of different planets are accelerating. Is this best for an expanding world society? Are you in favor of this thrust? Yes____ No____? Why? Will you marry a person from another planet? Yes____ No____? Why?

86 In the unlikely event of nuclear war, probably less than one percent of the 240,000,000 U.S.A. population can survive. Criteria for survival is of the highest priority to the welfare of our society. What can be done prior to a possible nuclear disaster to ensure all that can be done is in place? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

87 Drugs that give the same pleasures as destructive ones such as cocaine and heroin without impairing one's health in the present or future have been developed by a small group of international scientists. Is this a good idea? Yes____ No____? Why? Will you try these drugs? Yes____ No____? Why? What do the scientists do or not do? Why?

88 You have been assigned to a Presidential Blue Ribbon Interdisciplinary International Committee to set up working guidelines and policies for selection of the first seven colonists on Mars. Tentative consensus rules and regulations for the first space frontier persons are also needed. Is this a good idea? Yes____ No____? Why? Will you serve on the Committee? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

89 Legislation has passed that now allows people to select the day they *wish* to die. Death Day is celebrated as a joyous occasion, just as a birthday. What are the advantages and disadvantages? Can there be sensitive working guidelines to prevent fatal mistakes? Yes____ No____? Why? Will you select the day you wish to die? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

90 A small group of international scientists working together with private funding discovered in a spinoff from related research the ultimate weapon. It is a laser beam so powerful that cities can be completely vaporized within a few minutes. What should the scientists do or not do? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

91 Weather can be controlled on a national basis. What are some of the advantages and disadvantages? What are some of the problems? What working guidelines can be established? Is this a good idea? Yes____ No____? Why? Will you serve on a Blue Ribbon Interdisciplinary International Committee? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

92 People can be made invisible just as in Star Trek. Is this a good idea? Yes____ No____? Why? Will you try it? Yes____ No____? Why? What changes in society will emerge if this takes place?

93 With a laser machine, voyages will become possible to the most distant galaxies in 2700. Is this a good idea? Yes____ No____? Why? Will you go on one of these trips? Yes____ No____? Why? If in a group, try to come to a consensus decision as to selection of those who are selected.

94 Contact with the dead has been made by eminent scientists. The method may be used by an average citizen. What effect does this have on society? Will you try to contact your lost ones? Yes____ No____? Why?

95 Flying packs are attached to your back which allow you to fly some thousands of yards in the air in relative safety. Is this a good idea? Yes____ No____? Why? What licenses or guidelines are needed to allow the public access to trying this new breakthrough? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

96 There is no need for most people in the U.S.A. to work. A few thousand out of 250,000,000 people produce everything that is needed. Avocations and hobbies are the thrust of this new society. What kind of society do you see emerging? Is this a good idea? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

97 A harmless dye which changes body skin from white to black or black to white can be inserted into the blood with no side effects. The process cannot be reversed for five years. Is this a good idea? Yes____ No____? Why? Will you be willing to be inserted with the dye? Yes____ No____? Why? How will this affect society? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

98 In many private schools in the U.S., a uniform is required for boys and girls. In order to minimize wealth as shown in dress, the U.S. Government has decided that everyone wears a uniform appropriate to his/her work. Is this a good idea? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

99 You have been assigned to a Blue Ribbon Interdisciplinary International Committee to set up working guidelines for the ideal society. Is this a good idea? Yes____ No____? Why? Will you serve on the Committee? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

100 You have been assigned to a Blue Ribbon Interdisciplinary International Committee to set up working guidelines for a new educational system. Is this a good idea? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

101 The U.S. government has set up quality of work rules that are strictly enforced. Doctors are paid when they keep patients well, lawyers when they win, plumbers when they keep the bathroom functioning, rehab workers when they place their clients at a reasonable

job level, and service workers when they satisfy their customers. Is this a good idea? Yes____ No____? Why? Are you in favor? Yes____ No____? Why? What kind of society will evolve? If in a group, try to come to a consensus decision as to how this change can take place or why it should not.

102 You are appointed to a Blue Ribbon Interdisciplinary International Committee to set working guidelines and requirements in order to be eligible to be a surrogate mother. Do you think this is a good idea? Yes____ No____? Why? Are you willing to be a surrogate mother? Yes____ No____? Why? If in a group, try to come to a consensus decision as to how this will affect families and society.

103 By giving a certain pill, you can keep your pet alive two or three times its natural life span with no side effects. Is this a good idea? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

104 An inexpensive pill that allows you to become as tall or as small as you like is available. If the pill is not renewed each year, one reverts back to his or her regular size. There are no side effects. Is this a good idea? Yes____ No____? Why? Will you try it? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

105 The Arctic and Antarctic are melting rapidly, with high temperatures and continuous rain. Floods are rapidly covering the Earth. The story of Noah seems to be repeating itself. What can be done? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

106 Food pills containing more nutriment than so-called regular food have been developed. Every kind of food can be condensed into a pill. The pill makes for better health and is very inexpensive. Once you start on food pills, it is very difficult to go back to regular food again without potential damage to the human system. Is this a good idea? Yes____ No____? Why? Will you try it? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

107 A hibernation pill has been developed that regulates the body to sleep for 50 years. Once set, the system cannot be stopped or reversed until 50 years have passed. Aging will be minimal at most because of the individual's hibernation. Is this a good idea? Yes____ No____? Why? Will you take this pill? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

108 The entire surface of Planet Earth is becoming as cold as the Arctic and Antarctic, with no respite appearing on the horizon. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

109 The Federal government is doing in-depth research on blindness. They need 1000 volunteers who are willing to be injected with a drug that will make them blind. No harm will result but the blindness cannot be reversed for two years. Will you volunteer? Yes____ No____? Why? Is this a good idea? Yes____ No____? Why? If in a group, try to come to a consensus decision as to the advantages and disadvantages of this project.

110 In the 22nd century, you will have been placed in cryology suspension in nitrogen 450° below zero for 75 years. Physicians will be able to bring you back to life. What will you say or do upon your return in the year 2125? What are your emotional reactions? What are your immediate plans? Who do you want to see? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

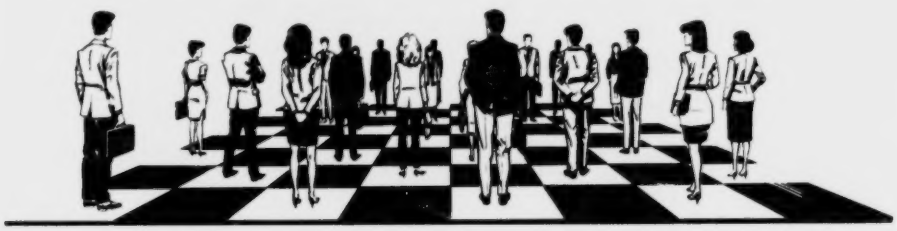
111 The Federal government is doing research on the effect of total silence on humans. Some amazing breakthroughs are anticipated. One thousand volunteer subjects are needed. They will receive an injection that will make them totally deaf for three years. The process is reversible. No physical harm will result from participation in this experience. Is this experiment a good idea? Yes____ No____? Why? Will you volunteer? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

112 The U.S. has more people fired annually than any other industrialized country. The Federal government is concerned about this financial and human loss. What may be done to understand in-depth what is taking place. What remedial measures may be taken now and in the future? You are appointed to a Blue Ribbon Interdisciplinary International Committee to come to a consensus as to guidelines and policies that will help solve or ameliorate this problem. Will you serve? Yes____ No____? Why?

113 Research in biotechnology has reached a point where it is possible to change limited numbers of human beings to be able to live in zero gravity but no longer on earth gravity. Is this a good idea? Yes____ No____? Why? Should this research, which is near a break-through, be continued? Yes____ No____? Why? If yes, will you be willing to lend your expertise as a member of a Blue Ribbon Interdisciplinary International Committee. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

114 The U.S. divorce rate is about 50%. It may soon reach 75%. The Federal government is considering a plan which makes all individuals who want children to be licensed just as professions are licensed by each state. Is this a good idea? Yes____ No____? Why? You are appointed to a Presidential Blue Ribbon Interdisciplinary International Committee by the President of the U.S. The Committee is to explore the problem in-depth and come up with some consensus decisions. Will you serve on this Committee? Yes____ No____? Why? How should the Committee get started? What are some of the short and long range objectives? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

115 The Federal government is interested in setting up a volunteer talent bank of people, who have areas of interest and ability ranging from the arts to zoology and skills from



athletics to research and development. Efforts will be made to match up interests and skills with suitable volunteer positions. Is this a good idea? Yes____ No____? Why? You are a member of a Presidential Blue Ribbon Interdisciplinary International Committee to establish guidelines and policies for this volunteer talent bank. How would you start? What are some of the issues? How can this project get off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

116 After eight months of an intensive job search and being unemployed, you get the exact career position you want just in the nick of time. Your resources are strained to the limit. The position is challenging. You like your peers and your supervisor. Then it happens some two months later. Your employer requests you, confidentially, to do something that at least is unethical, if not legally forbidden. What do you do or not do? What things can you do? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

117 Two of your children, a boy of 7 and a girl of 14, are in need of an immediate kidney transplant. Your wife is ill and cannot be a donor. You are in good health and can be a donor. To which child will you give the kidney? Why? What other options are possible? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet this ethical problem.

118 You are now age 60 and in good health. You intend to retire when you are 65. Is this a good idea? Yes____ No____? Why? What can you and others do to prepare for a meaningful retirement? If in a group, try to come to a consensus decision as to what guidelines could be helpful to those who are thinking about retirement.

119 Each year the number of teenage parties when parents are away for a day or longer has increased. Parents have signed contracts with their teenagers not to have parties in their homes during their absence. Parties, however, still take place with drinking and passing out of some of those present. Some parties are climaxed by breaking and spoiling of property. A much larger group of teenagers may show up and join the party than were invited. At times, various drugs are also used. Parents all over the U.S. are concerned. Many parents drink themselves. "Grounding" of a teenager does not change behavior in ways that make a difference in trying to be of help. If parents are not part of the solution, the parents become part of the problem. The President of the U.S. has appointed a Blue Ribbon Interdisciplinary International Committee to set up working guidelines to help parents and teenagers meet this pressing problem. Is this a good idea? Yes____ No____? Why? Will you participate? Yes____ No____? Why? What can be the first steps to get this project off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

120 You are elected President of the United States. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

121 You are elected Governor of your state. What are seven major changes you want to

bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

122 You are elected as one of your state's two Senators. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

123 You are elected President of your union. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

124 You are elected President of your professional association. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

125 You are elected President of your company. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

126 You are elected Mayor of your city. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

127 You are elected President of your church or synagogue. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

128 You are elected President of your local school board. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

129 You are elected President of the United Way. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

130 You are elected President of your trade association. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

131 You are elected Pope. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

132 You are elected President of a college. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

133 You are elected Chief of Staff of the Armed Forces. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

134 You are elected President of the largest television network. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

135 You are elected U.S. Congressman. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

136 You are elected President of the World Future Society. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

137 You are appointed Secretary of the U.S. Department of Education. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

138 You are appointed Secretary of the Department of Defense. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

139 You are appointed Secretary of State. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

140 You are appointed Director of the F.B.I. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

141 You are appointed Director of the C.I.A. What are seven major changes you want to bring about as soon as possible? How will you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

142 The Jones's have been married for ten years; they have two children ages seven and nine. Each earns $75,000 annually. Mrs. Jones received a new, tremendous career opportunity 500 miles away from their present home. She expects to take the career/job. Her

husband strenously objects and does not want to change his career/job. She must decide within the next week. What can they do? What are their options? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

143 Working alone in a small laboratory you discover a small amount of new anti-cancer serum that puts most types of cancer in remission. The method is very time consuming. Manufacturing of large amounts of this new drug will take further research and scientific breakthroughs. Design of new apparatus will be required. What should you do or not do? Who should know about your discovery? Should the Federal government be notified? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

144 Your supervisor is out ill and she is not to be called at home unless it is an emergency. One of the staff asks you to sign a form that lists supervisor ratings for a career job for which she is applying. The deadline is pressing for the peer colleague. You have signed for the supervisor before but with her permission. What do you do or not do? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

145 The population of the U.S.A. has been dropping considerably for the past five years. Projections indicate this trend will accelerate. Married couples are having fewer children. More than ever before, married couples are deciding against having children at all. You are appointed to a Presidential Blue Ribbon Interdisciplinary International Committee by the President to explore the problem in-depth to determine what working guidelines and action, if any, should be taken. Is this an important demographic problem? Yes____ No____? Why? Will you serve on the Committee? Yes____ No____? Why? What are the most appropriate first steps to be taken? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

146 A nuclear accident takes place in the Western part of the U.S. The physical and emotional effect is ten times that of Chernobyl. The President of the U.S. appoints a Blue Ribbon Interdisciplinary International Committee to report back to him within ten days with working guidelines to quickly meet the present problem. A second report on what to do to meet, ameliorate or prevent this kind of situation in the future is due in six weeks. Is this a good way of meeting the emergency and long-range situations? Yes____ No____? Why? If in a group, try to come to a consensus decision as to what immediate steps may be taken.

147 A young couple from the U.S.A. are flying to Europe on their honeymoon. Half way across the ocean, the plane is completely taken over by five terrorists with machine guns. What can the couple do to increase their chances of survival? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

148 It is the year 2075. You have been a P.O.W. for five years in a tropical climate. You are single and an only child. Your parents are deceased. Food is at a minimum. You are also under very close surveillance. Punishment is most severe for the slightest infraction of the rules. A minimum of exercise is allowed. What are your options? What can you do to

try to escape and survive? If in a group, try to come to a consensus decision as to possible options.

149 The U.S. government has just passed a new law. In all legal and social matters, major purchasers of homes, automobiles, etc., will now be required to use their social security number rather than their name. Is this a good idea? Yes____ No____? Why? How do you feel about this? What effect will it have on our country?

150 Scientists have discovered how to retard aging of cells in humans. People can now live up to 200 years. Is this a good idea? Yes____ No____? Why? How will this affect marriage, careers, and the population explosion? Will you opt to live to 200 years? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

151 The U.S. government has decided that the present distribution of jobs and careers in the U.S. will be changed. All positions now occupied by men will be assigned to women after they have taken a one-year in-depth education and training program. Is this a good idea? Yes____ No____? Why? What will the effect be on men and women? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

152 In a future society on earth, everyone remains healthy, emotionally and physically, to age 200. Moreover, everyone has an IQ of at least 200. A few people produce all the food needed. Everyone has all the material possessions he or she wants. What will this society do?

153 The U.S. government has passed a law that everyone has to change his or her career every five years in accordance with each person's abilities, interests, achievements, and personality. Is this a good idea? Yes____ No____? Why? How will this affect your life?

154 An internationally acclaimed chemist discovers how to break down water to perform the same function as gasoline. Is this a good idea? Yes____ No____? Why? When, where, and how should she share her discovery? If in a group, try to come to a consensus decision as to policies and working guidelines to meet the situation in an appropriate way.

155 You can choose to live in an experimental satellite circling the earth. You must agree to do this for two years. The honorarium will be very high. Is this a good idea? Yes____ No____? Why? Will you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

156 You can communicate using telepathy. Is this a good skill? Yes____ No____? Why? How do you use this new skill? Who should you let know about this talent? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

157 Retirement is required at age 65, but you live to be 175 years old. Is this a good idea?

Yes____ No____? Why? What are your reactions? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

158 The personalities of your friends are constantly changing because of new personality altering drugs. Is this a good idea? Yes____ No____? Why? Will you try them out? Yes ____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

159 Marriage "contracts" are now legal for a limited period of time instead of for life. Is this a good idea? Yes____ No____? Why? Do you like this new concept? What will the effect be on marriage? How will it affect society? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

160 Driving private automobiles are outlawed except on certain days. Is this a good idea? Yes____ No____? Why? What do you think will happen? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

161 You can visit other planets just as you visit other cities today. Is this a good idea? Yes____ No____? Why? Will you go? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

162 Mini-computers are installed in each home for the purpose of democratically sampling opinions of the people on national issues. Is this a good idea? Yes____ No____? Why? Do you like the idea? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

163 A machine has been invented that predicts with absolute accuracy the date of a person's death. Is this a good idea? Yes____ No____? Why? Will you use it? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

164 Before people can marry, they must submit and pass a computer-administered test on 150 correlates of compatibility. Is this a good idea? Yes____ No____? Why? Will you take it? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

165 Conventional prisons are eliminated in favor of other forms of controlling or modifying criminal behavior. (Example: placing electrodes in criminals' brains which causes severe shocks if they stray from the territory assigned to them.) Do you think this is a good idea? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

166 Electrodes placed within a person's body can serve as identification. Is this a good idea? Yes____ No____? Why? Do you like this method of identification? Yes____ No____? Why?

167 Over a period of two decades, a Swedish pharmaceutical concern has developed and satisfactorily tested on humans an injection that makes children grow. As a result of the injection, they weigh from 350 to 450 pounds with appropriate height. They appear to be in better health than men or women of smaller stature. Will you be willing to give this injection to your son or daughter? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

168 The Federal government is setting up a national library in space to serve newly arrived colonists. You are appointed to a Presidential Blue Ribbon Interdisciplinary International Committee to come to a consensus about the architecture of the building and the initial selection of books and magazines. What are some of your suggestions? What can be the first steps to get this project off to a good start?

169 The Humboldt Telescope to be used by NASA allows those of us on Planet Earth to see verification of the big bang theory, which is one explanation of how the world was created. What are your reactions? How will using the Humboldt Telescope affect society on earth? How will religious leaders adapt these new scientific findings? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

170 The Federal government is seeking strategic planners for new space colonies. Persons selected must be in good health and hold doctoral level degrees in psychology, human relations, ten years work experience in people-centered activities and possess high motivation to take on challenging, demanding work with constant life-threatening risks. A three-year contract must be signed. Is this a good idea? Yes____ No____? Why? Will you apply? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

171 Unskilled workers are needed to set up preliminary geodetic domes and other housing and recreational necessities for space colonists. Pay is very high. Workers hired must sign a contract for three years duration. Is this a good idea? Yes____ No____? Why? Would you apply? Yes____ No____? Why?

172 The first university in space is to be opened within the next three years. You are a member of a Blue Ribbon Interdisciplinary International Committee to establish working guidelines and policies to govern this university its students and faculty. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

173 People in the U.S.A. are undergoing rapid career changes. The Federal government is concerned. You are appointed to a Presidential Blue Ribbon Interdisciplinary International Committee to come to some consensus decision as to what can be done to solve, modify or alleviate the problem. Is this a good idea? Yes____ No____? Why?

174 People no longer have to die. Inexpensive replacements are available for all body parts. People live in good health. Is this a good idea? Yes____ No____? Why? How long do you want to live? Why? What will happen if the majority of humans decide to live forever? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

175 Make up 15 new emerging careers that will be part of the world of work in the year 2012 and that help solve, modify or alleviate critical problems. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

176 A *Dictionary of Occupational Titles* has been available for the past fifty years and is used extensively by industry and government. It is a necessary tool in personnel management. It is the basis and undergirding of U.S. government programs, such as the Social Security Disability Program. A *Dictionary of Occupational Titles* for space is needed. Is this a good idea? Yes____ No____? Why? The government is seeking people who are accustomed to using the D.O.T. and/or helped in its design. Will you apply? Yes____ No____ Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

177 More than a quarter million young adults each year do not get the education or training they need. The majority of these young adults work at jobs, if they are working, far below their capacity. They are underemployed and do not make the contribution to society, their family, and themselves that is possible. A Blue Ribbon Interdisciplinary International Committee is set up to determine what can be done to resolve, modify or ameliorate this condition. How can the Committee get started? What can be some of the objectives for the present and over the long-range? What new creative ideas and constructive thinking and action can be recommended? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

178 New space careers are available, such as traveling space physician, traveling space technician, planetary health officer, traveling space policeman, traveling space security agent, and others. A three year contract is required. Will you apply? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

179 The Federal government is doing in-depth research on smell. One hundred volunteers are needed. They will spend two years in enhancing their smelling abilities to a level exhibited by dogs and other animals. Those who acquire new high levels of smelling abilities will be offered top level jobs and careers in security and other areas. Is this a good idea? Yes____ No____? Why? Will you volunteer? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

180 According to the astronauts, food does not taste "good" in space. Pepper, salt, and spices are being added to the astronaut's diet. What new ways can be developed to make food more enjoyable in space and enhance the "well being" of space travelers? Will you serve on a Blue Ribbon Interdisciplinary International Committee to explore ways of overcoming this space problem? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

181 Mood altering pills (with no side effects) are available. You can choose your mood to fit the occasion from very sad to very happy. Is this a good idea? Yes____ No____? Why? Will you try out the pills? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

182 In the year 2035, space ships will be as common as airplanes. There is the need for space light housekeepers to watch and warn travelers about meteors, x-ray showers and other celestial disturbances. Will you be willing to be trained for this sort of career? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

183 Dual career families have the highest divorce rate in the U.S.A. The Federal government is concerned about the growth of dual career families and the accompanying increase in divorce. You are appointed to a Presidential Blue Ribbon Interdisciplinary International Committee to reach a consensus as to what can be done to help alleviate or modify this problem. Is this a good idea? Yes____ No____? Why? Will you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

184 The Federal government is offering large outright grants to minorities who are interested in and show entrepreneurship ability. Candidates must have made a specific small business choice. They must also show the selection committee how and what they would do if they were given the grant and why they should be chosen as recipients. Individuals, as well as couples, can apply. There is no age limitation. Is this a good idea? Yes____ No____? Why? Will you apply? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

185 You are appointed to a Presidential Blue Ribbon Interdisciplinary International Committee to study your state's overall present status and what needs to be accomplished by the year 2000 and beyond. What preliminary steps are needed in order to get this project off to a favorable start? What kinds of goals are needed from a short and long range point of view? What time frame is needed in order to produce an in-depth written report to the Committee's findings and recommendations? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

186 The Federal government has awarded billions of dollars for research to find a cure for various forms of cancer. A breakthrough is imminent. In order to complete the study, it is necessary for 500 healthy men and women to volunteer to be injected with a vaccine that destroys cancer cells, but not normal ones. The risk is there is a possibility that virulent cancer may be triggered by injection of the serum to the 500 healthy men and women. Is this a good idea? Yes____ No____? Why? Will you volunteer? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

187 Planet Earth has suddenly become as dark as night. Cold has descended everywhere. The sun appears to have disappeared, or at least is no longer visible to the naked eye or through our largest telescopes. People all over the world are close to panic. Many believe that the world is coming to an end. You are appointed to a Presidential Blue

Ribbon Interdisciplinary International Committee to try to discover what has happened. What can be done as soon as possible to resolve, modify or ameliorate the situation? How do you get started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

188 Interracial marriage and divorces are growing at about the same rate. Projections are that the interracial divorce rate will increase to the year 2000 and beyond unless some efforts are made to save marriages within this special group. The President has appointed a Blue Ribbon Interdisciplinary International Committee to explore in-depth the total divorce rate in the U.S. with special insights as to the problems of interracial marriages and what may be done. Is this a good idea? Yes____ No____? Why? Will you serve? Yes____ No____? Why? What can the first steps be to set up working guidelines to ameliorate, modify or solve the problems? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

189 All television sets are now also programmed to watch you, no matter where you are in your house. Is this a good idea? Yes____ No____? Why? Will you own a television set? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

190 Each female is allowed by law to have only one child during her lifetime. Penalties are unusually high. Is this a good idea? Yes____ No____? Why? What is the effect on society and you?

191 You are allowed to fill only one small wastebasket with garbage each week or be fined excessively. Is this a good idea? Yes____ No____? Why? How will you meet this requirement? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

192 You can volunteer to join a space colony similar to earth, but the voyage is so long that there will be no return home. Is this a good idea? Yes____ No____? Why? Will you volunteer? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

193 Average citizens can volunteer to live on the floor of the ocean for one year. Living will be simple but comfortable. Pay and benefits are very high. There will be no return for a year under any circumstances. Is this a good idea? Yes____ No____? Why? Will you go? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

194 People with a wide variety of skills are being recruited to make it possible for "dead planets" to support life. Salaries will be high. Is this a good idea? Yes____ No____? Why? Will you volunteer? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

195 A pill has been discovered that makes it possible for the recipients never to need sleep. The change is irreversible up to one year. Is this a good idea? Yes____ No____? Why? Will you take it? Yes____ No____? Why?

196 A pill is available that allows you to gradually change your sex within a nine-month period. The method is considered relatively safe by eminent physicians. Is this a good idea? Yes____ No____? Why? Will you change your gender? Yes____ No____? Why?

197 A compressed nutritional artificial food is available at a very high cost. It will maintain your health but it is not tasty. You will never experience hunger pains again. Is this a good idea? Yes____ No____? Why? Will you try it? Yes____ No____? Why?

198 Planet Zulu has been scanned and studied for over five years in-depth by Voyager 298. The U.S. government has decided to send 150 people to settle this planet. The light years distance are too far for the expedition to return. The planet has all kinds of minerals, plants, trees, oceans, and stream water available. The gravity is similar to that of the earth. Make up the age, sex, and career titles of people for this expedition and include any screening devices for selecting colonists. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

199 The U.S. Government is asking for sperm and ova from men and women all over the United States for a human talent bank. Is this a good idea? Yes____ No____? Why? Will you participate? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

200 A meteor, the size of a planet, is headed toward earth at the rate of 25,000 miles per hour. Scientists so far have not been able to divert it from its course or destroy it. It will hit earth in 90 days. Spaceships that are available to go to present space colonies can carry at most 100,000 people. Criteria are needed to select them. If chosen, will you go on to a colony in space? Yes____ No____? Why?

201 A sophisticated time machine has been available after billions of dollars of research. One can go back in time or in the future for 1000 years. Will you choose to go back in time or move years ahead? Give reasons for your decision.

202 In the event of a nuclear war, only a few hundred thousand citizens can be saved. What are your priorities for those to be saved? Young and physically fit? Skilled specialists? All renowned scientists? Skilled health professionals? Doctors, dentists, etc.? Old people? Young people? More women than men? Others. Explain your choices. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

203 The Federal government is increasing research in the area of sleep disorders. Because of the increasing incidence of this problem in the U.S.A., 500 volunteers are needed as subjects. Those who participate in the one-year study will receive a lump amount of $75,000. Those candidates selected must be in good health and they must be willing to be put to sleep for one year. Various measurements will take place, including in-depth exploration of the dream process. Those selected can not be awakened until the year's experiment is completed. Is this research a good idea? Yes____ No____? Why? Will you be willing to participate? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

204 Many thousands drown each year in the U.S. because they do not know how to swim or hold their breath for more than a few seconds at a time. You are appointed to a Presidential Blue Ribbon Interdisciplinary International Committee to see what can be done now and in the future to increase the number of people who can swim and hold their breath for four minutes or more. Is the project worthwhile? Yes____ No____? Why? Will you participate? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

205 New kinds of animals are now on earth with the help of genetic engineering. Many more will follow. Some of these new animals are better for humans in many ways than the animals common in the past. Is this a good idea? Yes____ No____? Why? What priorities are needed? What animal species are to be preserved? You are appointed to a Presidential Blue Ribbon Interdisciplinary International Committee to set up policies and guidelines for any continued use of genetic engineering with animals. Will you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

206 The entire world is warming up at an increased rate. The Arctic and Antarctic ice is melting, causing world-wide floods. The water all over the globe is already warmer than usual bath water. The heat increasing each day is causing thousands of deaths for the aging who cannot cope physically with the drastic climatic changes. Food is rationed. There is also tremendous spoilage. Most people can no longer go to work. Hospitals can help only a small proportion of those who reach the emergency rooms. You are appointed to a Presidential Blue Ribbon Interdisciplinary International Committee by the President of the U.S.A. to make a report in writing within 30 days about immediate and long-range goals to meet this threatening world situation. Is this a good idea? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

207 In the U.S., more than one million babies were born to unmarried teenagers in 1986. The projection is that the figures will be as high or higher in the years ahead. Leaders at every level are alarmed and concerned. The President of the U.S. has set up a Blue Ribbon Interdisciplinary International Committee to explore in-depth what is happening. What can be done as soon as possible to solve, modify or ameliorate a condition that must be faced with new ideas and constructive thinking and action? How can the Committee get started? What can be some of the objectives both now and over the long range? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

208 Adolescent suicide is increasing in the U.S. at an alarming rate. More than 5,000 adolescents "succeeded" in committing suicide in 1986. Many times this number have tried or thought about suicide. The President of the U.S. has appointed you to a Blue Ribbon Interdisciplinary International Committee to explore in-depth why and what is happening. What can be done as soon as possible to help solve, modify or ameliorate a condition that must be faced by parents, mental health workers and government with new creative ideas and constructive thinking and action. How can the Committee get started? What can be some of the tentative objectives both now and over the long range.

If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

209 The Federal government expects to give 500 acres of free land to people who will inhabit certain planets. This is similar to land given to settlers many years ago in Alaska. People will be able to visit earth after agreed upon space time, but they are to be residents of a space colony, not earth. Is this a good idea? Yes____ No____? Why? You are appointed to a Presidential Blue Ribbon Interdisciplinary International Committee to establish guidelines and working policies that are needed to make this proposal a viable one.

210 Stepfamilies are the fastest growing family in the U.S.A. The Federal government is concerned about this new development. You have been appointed to a Blue Ribbon Interdisciplinary International Committee to examine family changes and explore advantages and disadvantages of each family life style. The Committee is to come up with a consensus decision as to what is happening and what can be done to solve, modify or ameliorate the problem.

211 Thirty unfriendly and brilliant people arrive in the U.S.A. from a planet 26 light years away. They want to take 30 outstanding earth humans of both sexes to visit their planet. Is this a good idea? Yes____ No____? Why? If accepted, will you go? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

212 It is the year 2025. Couples who wish to have children now have gender choice. Home instructions with 90% reliability are used in helping determine the gender of unborn children. Is this new invention a good idea? Yes____ No____? Why? Will you use it if pregnant? Yes____ No____? Why? What are some of the issues because of this invention? What are some of the options? How will this invention change society if a large number of people use this instrument?

213 A new medical breakthrough makes it possible for people to soon know how and when they are going to die. The test takes less than an hour. There are no side effects. Is this a good idea? Yes____ No____? Why? Will you take this medical test? Yes____ No____? Why? Do you want to know the how and when of your demise? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

214 The first colonists emigrated from Planet Earth in the year 2000. It is the year 190,000, and space citizens live in thousands of galaxies. The number of people who wish to become space citizens has grown tremendously. New immigration policies between earth and other galaxies with humans are needed. The President of the U.S. has set up a Blue Ribbon Interdisciplinary International Committee to suggest new working guidelines and policies to meet the immediate and long-range immigration and emigration issues. Is this a good idea? Yes____ No____? Why? Will you serve? Yes____ No____? Why? What can be the first possible steps that can be taken to get this project off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

215 The number of days children must stay in school varies from state to state. The U.S.A. can no longer afford to have its most precious resource do nothing during the summer months and other long vacations. The President has approved a Blue Ribbon Interdisciplinary International Committee to come up with a suggested nationwide plan for extending the school year. A written report by the Committee must be submitted within 180 days. Is this a good idea? Yes____ No____? Why? Will you serve on this Committee? Yes____ No____? Why? What can the first steps be to get this national project started? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

216 The U.S.A. has a wide variety of time zones. Many people are unhappy with the present system. Change appears to be necessary. The President has appointed a Blue Ribbon Interdisciplinary International Committee to explore this problem in-depth. Is this a good idea? Yes____ No____? Why? Will you serve? Yes____ No____? Why? What are some of the first steps that may be taken so that the Committee gets off to a favorable start in meeting the complexities involved in making changes in our present time system? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

217 Children entering school for the first time are required to take specified medical shots that help prevent their catching certain diseases. An increasing number of parents also want to make it mandatory that children be given shots which control mood and aggression in order to attend public school. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this concept in-depth and come up with written working guidelines for short- and long-range goals within 180 days. Is this a good idea? Yes____ No____? Why? Will you serve? Yes____ No____? Why? What are some first steps that can be taken in order to get this project off to a favorable start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

218 Oil has been discovered in an isolated port of Alaska that will enable the U.S.A. to be free of oil constraints from OPEC for at least 50 years. The downside is that drilling for oil will probably upset the environment, particularly for the polar bear. Polar bear countries are already trying to come to an agreement to preserve the polar bear for decades to come. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this problem in-depth. Within a year, they are to come to a consensus decision that will be accepted by environmentalists as well as those who wish to exploit our natural resources to meet the challenges of growth and competition. Is this a good idea? Yes____ No____? Why? Will you serve? Yes____ No____? Why? What first steps can be taken to get the project off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

219 A serious hearing loss for young people has drastically increased during the past decade. Various reasons have been mentioned. No national study of hearing loss or maintenance of good hearing over the years has taken place. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore in-depth hearing problems in the U.S. with a special look at hearing loss in youth and

young adults. The Committee will also conduct or delegate research to see whether or not people can be trained to increase their hearing acuity. Is this a good idea? Yes____ No____? Why? Will you serve if nominated? Yes____ No____? Why? What can some of the first steps be to get this project off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

220 During the past four Presidential elections, the person elected received at least 250,000 fewer popular votes than the person who lost. Leading members of both parties are concerned at this trend. Mr. and Mrs. John Q. Public are demanding reform as to how the President and Vice President are elected. The electoral college appears in jeopardy. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore presidential election procedures in-depth and present, in writing, their findings within 180 days for action by Congress and the President. Is this a good idea? Yes____ No____? Why? Will you serve if appointed? Yes____ No____? Why? What can some of the first steps be to get this project off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

221 New medical breakthroughs now make it possible to grow new fingers and other external organs. The next projected step is to be able to do the same for internal organs. Research and funding for the new thrust is being given top priority through the private sector. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this project in-depth and recommend working guidelines and policies. Is this a good idea? Yes____ No____? Why? Will you serve? Yes____ No____? Why?

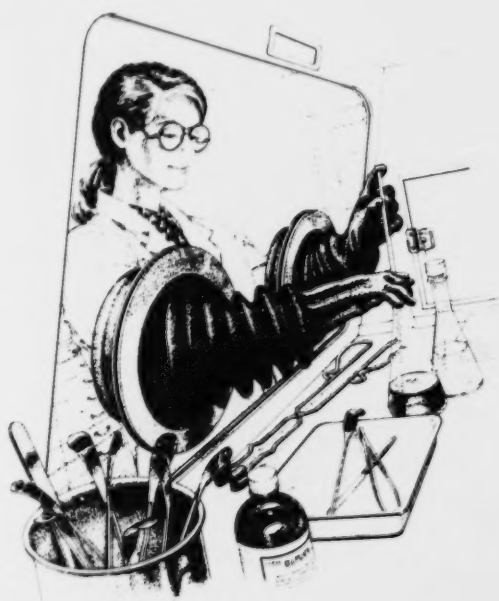
222 After the year 4000, the sun disappears. Darkness continues over a long period of time with no end in sight. Plants and crops deteriorate. Cold is spreading throughout the earth. Most people are experiencing severe depression because of the light deprivation. Scientists cannot determine what has happened to the sun and why this change has taken place. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore in-depth what has happened. What can be done to alleviate, modify or solve the problem? A written report with consensus decision recommendations are to be on the President's desk with working guidelines within 180 days. Is this a good idea? Yes____ No____? Why? Will you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

223 Twenty-five people arrive from a planet more than 50 light years away from Planet Earth. Their space ship is much further advanced than those used on earth. They notified earth, in English only, as to the time, place and date of their arrival. Each member of the group is much more intelligent than anyone on earth. They obviously come from a much more advanced civilization. They are, however, not friendly. They have a message they wish to present at once to the President of the United States. Although they understand and speak English they choose to use their own language. The earth Committee uses nonverbal communication and drawings in order to relate to the visitors and respect their requests. The new arrivals are further intimidating because they are all in uniform, over eight feet tall and weight about 500 pounds each. They give

the impression of being annoyed at the Earth Committee for not being able to move more rapidly in beinging them to the U.S.A. President. You are in charge of the Earth Committee which greets these visitors. What can the Earth Committee do? Be as specific as you can. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

224 You come home from shopping and your husband, who recently was given an O.K. on his annual physical, is in a deep coma on the sofa. It is medically recommended that he not be moved. Three years later he is still at home and in a coma. Twenty-four hour nursing care around the clock is provided. What can the wife, a professional worker, do or not do in her personal life? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

225 Young children and teenages, who are "children of the night," are increasing at an alarming rate in the U.S. The President of the U.S.A. will soon appoint a Blue Ribbon Interdisciplinary International Committee. This Committee will explore the problem in-depth and present a written report within 120 days with working guidelines for short and long-range goals. What can be some of the first steps to get this project off to a good start? Is this project worthwhile? Yes____ No____? Why? Will you serve if appointed? Yes____ No ____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.



226 As punishment for a felony, you are cast on a desert island for life. You can take with you five things that are not human or a pet. What will you take with you? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

227 Emergency medical services are provided to patients who need fast helicopter transportation to an appropriate medical site. Thousands and thousands of lives are saved annually. This is the good news. The bad news is that 20% of helicoptered emergency medical services result in accidents. The primary problems appear to be too few pilots for each helicopter and too long working hours without relief. The President of the U.S.A. will appoint a Blue Ribbon Interdisciplinary International Committee to explore in-depth what can be done with working guidelines on a short and long-range basis to alleviate, moderate or solve this critical problem. A written report will be due within 120 days. Is this project a good idea? Yes____ No____? Why? Will you serve if appointed? Yes____ No____? Why? What can some of the first steps be to get this

project off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

228 Name, in your opinion, the ten greatest people in the world, living or dead. Explain why you make each choice.

229 A number of research scientists say that well within ten years they will be able to make milk without cows and honey without bees. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the advantages and disadvantages of research along these lines. What options are available and what working guidelines can be initiated if this research project continues? Is this research project a good idea? Yes____ No____? Why? Will you serve on this Committee? Yes____ No____? Why? What can some of the first steps be to get this project off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

230 The incidence of divorce in the U.S. is increasing at an alarming rate. Approximately ten million children are affected by the divorce of their parents. Divorce can be a harmful and devastating event for both children and their parents. In many instances, a healthy parent-child relationship is threatened after divorce. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore in-depth, divorce in the U.S. and to prepare, within six months, a position paper on this subject as a backdrop for action. Is this a good idea? Yes____ No____? Why? Will you serve on the Committee? Yes____ No____? Why? What are some of the first steps to get this project off to a good start? What are some immediate options that can help alleviate, modify or solve divorce as a problem today in the U.S.?

231 An electro-mechanical womb will be available within the next two years. Some further research and pre-testing will soon take place. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore in-depth the various implications of the proposed electro-mechanical womb on society. A working position paper is to be turned over to the President within 120 days. Is this proposed invention a good idea? Yes____ No____? Why? Will you serve on the Committee if appointed? Yes____ No____? Why? What are some of the first steps to get this project off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

232 Drunk drivers cause more than 25,000 deaths annually as well as thousands of injuries that leave people severely handicapped. The rate of drunk drivers causing car deaths is increasing. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this problem in depth and report back in writing to the President within 120 days. Is this a good idea? Yes____ No____? Why? If asked, will you serve on the Committee? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

233 In the U.S. the number of criminals is greater than prison facilities. Moreover, the rate of criminal behavior is increasing and the rate of recidivism is 80%. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to

explore the problem in-depth and provide in writing, within 180 days, immediate and long-range working guidelines to solve, alleviate or modify this pressing problem. Is this project a good idea? Yes____ No____? Why? Will you serve? Yes____ No____? Why? What can some of the first steps be to get this project off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

234 The U.S. foster care system is strained as cases of child abuse rise dramatically. Moreover, suitable foster homes are scarcer than in the past while at the same time a need for foster homes increases. It is now considered a crisis of major proportion. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this pressing problem in-depth. The Committee is to provide a written report within 180 days with short and long-range working guidelines and goals to meet, modify or alleviate this volatile problem. Is this project a good idea? Yes____ No____? Why? If appointed, will you serve? Yes____ No____? Why? What can some of the first steps be to get this project off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

235 After five years of living together, John and Mary feel and believe that it is time to split and each go their own ways. The relationship is all over; they may or may not even be friends. Two weeks after the break, Mary discovers she is pregnant. They both were faithful over the years to each other and both realize the father to be is John. What are seven options available to this couple? Discuss the pros and cons of each option and which one you would follow.

236 Bob and Sue have gone together for almost five years. Both of them are dominant people with high level management positions. Neither wanted to give up early on their career for marriage and a family. With the biological clock now facing Sue, she decides it's now time for them to declare themselves. Sue and Bob decide that now marriage is the priority for both of them and their careers will be on "hold." They both take a complete physical and a test for AIDS. Sue comes through with flying colors; Bob is devastated. His test for AIDS is positive. What are options for this couple? Which option would you choose? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

237 You are the first couple to be married on the moon. What kind of ceremony do you want? Please be as specific as you can in relation to all the events that will take place. How many people will be invited? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

238 It is the year 2025. The colony of 50 people on the moon is becoming less dependent on earth humans for their survival and lifestyle. Suddenly, the moon colony is under unusual stress. One of its most respected members confesses to stealing equipment. This could have brought disaster to the moon colony's life support system. What steps should the moon-governing body take? Precedent will take place that will probably affect other decisions in the future. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

239 Shirley is dying of ovarian cancer. She has been treated for a year and knows she is terminal. At this point, the pain, anguish, her appearance and devastating bodily image help make her decide not to continue with medical life support systems. She is eating very little but is conscious and aware. Four operations plus many sessions of chemotherapy and medication have taken their toll. Her husband and four sons are divided as to what should or should not be done. The family is also divided as to whether the quality of her life for the past year was worth it. What should she do from now on? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

240 After years of study, you have discovered a new language that is much easier to learn and speak than Esperanto, which was devised as an international language to help people of the world to communicate and understand each other. What do you do with your exciting discovery? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

241 It is the year 5000. People from earth are prospecting for precious elements on asteroids. Gold, diamonds and precious metals are much more plentiful than on earth. Should asteroid mining be continued? Yes____ No____? Why? How will various countries react to their discoveries? How will this affect the economy of various countries and planets? What options are available to meet this unforeseen metal and jewel bonanza? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

242 Sexual life styles have changed in the eons of time. The Federal government on Planet Earth has decided to make it legally permissible for women to have a marriage with as many husbands as they want and can afford. Is this a good idea? Yes____ No____? Why? Will you approve and follow this concern in your own life? Yes____ No____? Why? How will this affect society? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

243 Sexual life styles have changed in the eons of time. The Federal government on Planet Earth has decided to make it legally permissible for men to have a marriage with as many wives as they want and can afford. Is this a good idea? Yes____ No____? Why? Will you approve and follow this concern in your own life? Yes____ No____? Why? How will this affect society? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

244 It is the year 2001. Travel, faster than the rate of light, 186,200 miles per second, has been achieved by an international scientific team. The U.S. Federal government is now looking for colonists to extend human life to the stars, galaxies and beyond. Each site will start with 500 people. The criteria for selection will be excellent physical and mental health and exceptional career expertise in more than one vocation. Men and women are eligible. Gifted children in excellent health are also eligible. No return to earth will be allowed except under the most exceptional circumstances. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this project in-depth. A written report on the selection criteria and working guidelines of the rights and responsibilities of colonists is due within twelve months. Is this a good idea? Yes____ No____? Why? Are you willing to be a colonist? Yes____ No____? Why?

245 It is the year 4500. The space age has also become the small business age. In order to stimulate more small space business, the Federal government is offering grants of $50,000 to each person who submits an application with a two-page outline of a new proposed space business that is feasible and competitive. Is this a good idea? Yes____ No____? Why? Will you apply? Yes____ No____? Why? If yes, be as specific as you can. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

246 It is the year 5000. Everyone is in excellent health physically and mentally. Few people need to work. People live to 600 years and beyond. They live in the lifestyle they want. Money is no longer any objective. Being alive means that you are, as a human, entitled to whatever you want, economically or socially, that does not hurt others. A growing number of people are asking if this is all there is. Growing numbers of people are bored. Too much is available and people are satiated. The Federal government has set up a Presidential Blue Ribbon Interdisciplinary International Committee to explore this problem in-depth and present, within twelve months, a written report with working guidelines and policies to solve, modify or alleviate the growing problem. Is this a good idea? Yes____ No____? Why? Will you serve on the Committee? Yes____ No____? Why? What can some of the first steps be to get this project off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

247 It is the year 2000. What new changes do you see in comparison with today? Be as specific as you can for transportation, food, space travel, energy. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

248 It is the year 2100. Look ahead toward the year 2200. What changes do you see in comparison with the year 2100? Be as specific as you can. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

249 It is the year 2200. What changes do you see in comparison with the year 2100? Be as specific as you can. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

250 It is the year 2300. What changes do you see in comparison with the year 2200? Be as specific as you can. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

251 It is the year 2400. What changes do you see in comparison with the year 2300? Be as specific as you can. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

252 It is the year 2500. What changes do you see in comparison with the year 2400? Be as specific as you can. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

253 It is the year 3000. One thousand years from the year 2000 when space travel and colonization became a reality. Compare the beginning of the 21st century with the beginning of the 31st century. Be as specific as you can. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

254 There are millions of latch-key children. They are vulnerable to a wide variety of life's challenges and experiences for which they are not mature enough to cope. Their parents cannot afford to pay for their care while they are away from home. The Federal government is deeply concerned about this problem. For example, in New Jersey alone there are more than a quarter of a million latch-key children. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore in-depth this issue. A written report with working guidelines and suggested policies is to be submitted to the President within 180 days. Is this a good idea? Yes____ No____? Why? Will you serve if appointed to this Committee? Yes____ No____? Why? What can some of the first steps be to get this project off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

255 An independent research survey of U.S. airports shows that prohibited items get through security check points to an alarming degree. In some large airports 50% of such forbidden items get through undetected. The best airport in Alaska allowed only one percent to go through. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the problem and the study cited earlier in-depth and to provide an in-depth report with working guidelines and policies to the President within 180 days. Is this a good idea? Yes____ No____? Why? Will you serve if appointed to the Committee? Yes____ No____? Why? What can some of the first steps be to get this project off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

256 The disposal of increased garbage and trash has become a national problem. Garbage strikers, workers that "don't show" and increased amounts of garbage per family have brought this problem to the forefront. Garbage not picked up regularly or not as often has fostered disease and an overall picture of decay to an otherwise well maintained dwelling. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this problem in-depth and provide, in writing, within 180 days, working guidelines and policies to meet, modify, alleviate or solve the

problem of garbage. Is this a good idea? Yes____ No____? Why? Will you accept if appointed membership on this Committee? Yes____ No____? Why? What can some of the first steps be to get this project off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

257 A new drug, created after 50 years of research, is ready to be marketed. The pill, taken according to instructions, will change in nine months a man to a woman and vice versa. There are no adverse physical effects. There can be no reversal once the person takes the pill. Is this a good idea? Yes____ No____? Why? Will you try the pill? Yes____ No____? Why? What effects will this have on society? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

258 With the new electronic womb, there is no need to have children by sexual intercourse. This method goes one step beyond that of surrogate motherhood, since a simple procedure provides the egg of the female and the sperm of the male. They need not even meet or know one another. Will you be willing to use this technique in order to have children? Is this a good idea? Yes____ No____? Why? What effect will this have on men and women who use this technique? What effects will there be on society? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

259 People on welfare are increasing faster than the annual population growth. Many families have been on welfare for as long as three generations. Training for jobs has not been as effective as needed to alleviate, modify, or solve the rising welfare costs. The President has decided that the problem should be met "head on" with the power and financial priority of the Manhattan Project during World War II. He has appointed a Blue Ribbon Interdisciplinary International Committee to explore this problem in-depth. A written report is due on his desk within nine months. Working guidelines and suggested policies toward an effective solution are mandated. Is this a good idea? Yes____ No____? Why? Will you serve on this Committee if appointed? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

260 After a presentation by a career futurist about the changing world of work, each participant imagines a "perfect day" in his/her career future and presents it orally to the group. At the end of each group session, the career futurist briefly summarizes all group sessions and the parameters that reflect a perfect future work day.

261 A group of seven to ten people imagine a perfect week in their lifestyle. The exercise follows a presentation by a lifestyle counselor who summarizes the changing lifestyles in the U.S.A. Each participant presents his/her perfect future lifestyle to the group. After the summary of each group the lifestyle counselor summarizes what took place in each group and the parameters that reflect a perfect future lifestyle week.

262 A group of seven to ten people imagine a perfect week in their career futures. The futuristic exercise follows a presentation by a career futurist who discusses the changing world of work. Each participant presents his/her perfect career week. After the summary of each group, the career futurist summarizes what took place in each group and the parameters that reflect a perfect career week.

263 Three close friends are in good health. Each weighs about 250 pounds. All three are married with no children. When the motor conks out in their plane, they are at an altitude of 30,000 feet. Through an error there are only two parachutes. How can the two who are to get the parachutes be selected in the most ethical way? What would you do? Why? If in a group, try to come to a consensus decision to help meet the issue.

264 Lois has terminal cancer. After almost a year's treatment and surgery, she has been told the truth. She was not informed in the beginning of the odds for survival. She is verbal and in much pain. She carries on a rational conversation and is receiving pain killers. She has the option of a colostomy. It will somewhat ease her pain and allow her to eat solid food. It will not lengthen her life. She is depressed and anxious but not to a very marked degree. Her husband and four sons are not in favor of prolonging the agony. Lois is in favor of the operation. She is also willing to try a very new experimental drug. Who should make the decision? At the beginning of the illness, she gave power of attorney to her husband. He can make decisions both financially and treatment wise. Who should make decisions as to what to do next? What is the role of the primary care doctor? What is the responsibility of the surgeon who operated on her? Does each doctor have an ethical and moral responsibility to tell the patient the truth? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

265 You and your wife are fairly close to your brother and his wife. The four of you see each other about once or twice a year. You live in Boston. Your brother and his wife live in Los Angeles. You both have children who are adults. They all are friendly but there are not any real close ties with the exception of one child in each family. Your brother's wife is ill with terminal cancer. They don't know how long she will live. You have planned a European holiday. Your brother calls you just before you are ready to leave. Your brother's wife is near death. Do you forego the vacation and go to the funeral? Yes____ No____? Why?

266 You and your wife are fairly close to your brother and his wife. The four of you see each other about once or twice a year. You live in Boston. Your brother and his wife live in Los Angeles. You both have children who are adults. They all are friendly but there are not any real close ties with the exception of one child in each family. Your brother's wife is ill with terminal cancer. They don't know how long she will live. After three days in Europe on your vacation, you are notified of her death. Do you return? Yes____ No____? Why?

267 White collar crime is increasing throughout the United States and appears to be the highest for men and women who graduated from prestigious prep schools and colleges. The public is aroused. Youth, in particular, are confused and worried. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this problem in-depth and report in writing within 180 days. The Committee is to suggest immediate and long range goals and objectives to modify, change, alleviate or solve a problem that is tearing the fabric of accepted values. Is this study a good idea? Yes____ No____? Why? Will you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

268 An invitational high level talent conference has been initiated by the President of the United States. The primary purpose is to invite five outstanding scholars or practitioners from 50 different disciplines to explore interrelationships with one another both personally and in the practice of their professions. The agenda will be formulated at the conference itself. The conference will last for three weeks; its Proceedings will be published. Selection of participants will be carried out by each professional group. All Participants will receive an honorarium of $25,000 plus all expenses. Do you think this is a good idea? Yes____ No____? Why? Will you participate if invited? Yes____ No____? Why? What initial steps are needed to get this project off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

269 John and Terri are an achievement oriented two career family in their late 30's. They have no children. Each earns, with fringe benefits, almost $100,000 a year. It has been impossible for the past four years for them to take a vacation together. The net result has been no vacation for either of them. Both are almost burned out. There are at least ten options? (1) divorce, (2) take separate vacations, (3) both change careers, (4) either spouse changes career/job, (5) husband changes career/job, (6) husband stays home and becomes a house husband, (7) wife stays home and becomes a housekeeper, (8) husband works from the home, (9) wife works from home, (10) the wife decides to take off one year to have a child with the hearty approval of the spouse. Which one of the options are appropriate for this couple? Which option or options would you favor? Why?

270 You work for the federal government with Civil Service status. You receive a promotion with a written stated annual salary. An error, as far as you can determine, is made in your favor. The total amount seems incorrect in your favor by about $20 a month. You are poor at numbers. Should you report the error to your supervisor? Yes____ No____? Why? Should you let the personnel office know? Yes____ No____? Why? Should you leave the matter as is until the error is discovered and keep the money meantime in a separate bank account. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

271 You work for the Federal government with Civil Service status. You receive a promotion with a written stated annual salary. An error, as far as you can determine, is made in your favor. The total amount seems incorrect in your favor by about $200 a month. You are poor at numbers. Should you report the error to your supervisor? Yes____ No____? Why? Should you let the personnel office know? Yes____ No____? Why? Should you leave the matter as is until the error is discovered and keep the money meantime in a separate bank account. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

272 You work for the Federal government with Civil Service status. You receive a promotion with a written stated annual salary. An error, as far as you can determine, is made in your favor. The total amount seems incorrect in your favor by about $2.00 a month. You are poor at numbers. Should you report the error to your supervisor? Yes____ No____? Why? Should you let the personnel office know? Yes____ No____? Why? Should you leave the matter as is until the error is discovered and keep the money

meantime in a separate bank account. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

273 Close friends of Marconi, inventor of the telegraph, tried to have him committed to a mental hospital when he discussed what he could do with the telegraph. You have discovered a new body language that is far superior to verbal communication. Is this a great discovery? Yes____ No____? Why? What will you do? Why? Be as specific as you can. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

274 Shirley is a 30 year old married women with four young children who has terminal cancer. After almost a year of surgery and chemotherapy, her husband finally told her she has terminal cancer. She is alternating between deep despair and anxiety and the resolve to continue the fight by allowing a colostomy, which will ease her pain, but not the ultimate outcome. The family, and particularly her husband, is close to the breaking point. What options are available to Shirley and her family? Which ones, if any, would you select and why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

275 Is the premise that society should provide satisfactory work and income to all who want to work a valid premise? Yes____ No____? Why? What would happen if this takes place? Be as specific as you can. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

276 Some scientists believe that with international good will and concerted effort, we could practically eliminate entire unneeded industries. What industries, if any, would you eliminate? The President has appointed a Blue Ribbon Interdisciplinary International Committee to explore this problem in-depth and report to him in writing within 180 days. Would you be willing to serve on this Committee? Yes____ No____? Why? What can some of the first steps be to get this project off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

277 In order to have full employment, it has been suggested that the number of work hours be reduced by ten percent for everyone. The President has appointed a Blue Ribbon Interdisciplinary International Committee to explore this problem in-depth and report to him in writing within 180 days. Is this a good idea? Yes____ No____? Why? Would you be willing to serve if appointed to this Committee? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

278 In recent years, National Service has been discussed at great length. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore National Service in-depth and come up with an analysis of the pros and cons in addition to a list of alternatives such as military draft, Federal conservation corps, etc. The Committee is due to report in writing in 180 days. Is this a good idea? Yes____ No____? Why? Would you serve if appointed? Yes____ No____? Why? What early steps can be taken to get this Committee off to a good start? If in a group, try to

come to a consensus decision as to policies and working guidelines to help meet the issues.

279 Community leaders have recently discussed how to reduce the amount of undesirable jobs. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to recommend in writing within 180 days immediate and long range goals. What immediate steps can be taken to get this project off to a good start? Will you be willing to serve if appointed? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

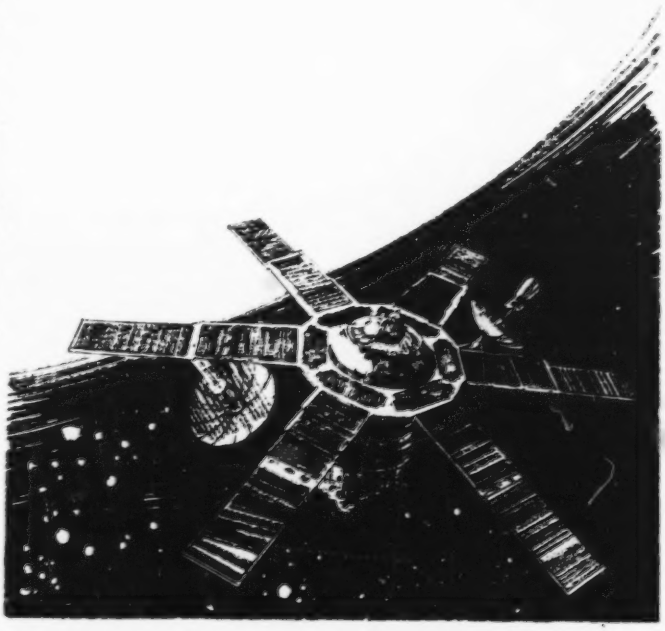
280 Many thousands of people are abducted each year in the United States. The number is accelerating while the number of people who are convicted of this crime is going down. The public is deeply concerned and is asking for action. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to look at the problem in-depth and present to him in writing, within six months, immediate and long-range goals to help solve, modify or ameliorate the problem. Is this a good idea? Yes____ No____? Why? Will you be willing to serve if offered an appointment to serve on this Committee? Yes____ No____? Why? What can some of the first steps be to get this project off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

281 Hundreds of thousands of teenager minority youth in the inner cities of the U.S.A. are unemployed. On the other hand, many are qualified for jobs in the suburbs. Public transportation is one major obstacle for inner city youth to get the job openings. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to solve, modify or ameliorate the problem. Is this a good idea? Yes____ No____? Why? Will you serve if appointed? Yes____ No____? Why? What can some of the first steps be to get this project off to a good start?

282 It is the year 1,000,001. Earthlings have penetrated deep into space. Hundreds of colonies exist in galaxies as much as hundreds of light years away. Man can travel as fast as light. Some laws of earth physics do not apply to other galaxies. Interplanetary marriages have taken place. Life styles are different than those on earth. Project yourself into the new worlds evolving in space. Be as specific as you can about life in the year 1,000,001. Be as creative as you can. Do not let a 21st century scenario deter you from embarking on an amazing adventure.

283 Mr. and Mrs. S. Gregory Smith have been married for forty years. The relationship over the years has been more positive than negative. On her 60th birthday, Mrs. Smith has a stroke and needs 24 hours service for the rest of her life. She understands what has happened. Her husband is in relatively good health for a 62 year old man. He cannot afford to keep Mrs. Smith in their modest home. Mrs. Smith is placed in a nursing home. She has recently asked her husband to consider selling the home and moving in with her in the nursing home. The home is accredited. The physical facility is well taken care of. Nursing care is good. The average age is about 80. The number of women residents outnumbers males five to one. Is it a good idea for Mr. Smith to move into the nursing home? Yes____ No____? Why? What would you do? Why? If in a group, try to come to a consensus decision to help meet the issues.

284 Mr. and Mrs. S. Gregory Smith have been married for forty years. The relationship over the years has been more positive than negative. On his 60th birthday, Mr. Smith has a stroke and needs 24 hour service for the rest of his life. He understands what has happened. His wife is in relatively good health for a 62 year old women. She cannot afford to keep Mr. Smith in their modest home. Mr. Smith is placed in a nursing home. He has recently asked his wife to consider selling the home and moving in with him in the nursing home. The home is accredited. The physical facility is well taken care of. Nursing care is good. The average age is about 80. The number of male residents outnumbers females five to one. Is it a good idea for Mrs. Smith to move into the nursing home? Yes____ No____? Why? What would you do? Why? If in a group, try to come to a consensus decision to help meet the issues.



285 Mr. Tom Jones, age 45, has been in a coma for two years. He is not expected to recover. He is married to a very successful professional career woman who is making sufficient money, including what her husband has saved, to keep him at home with 24 hour health service. For two years, she has put in even more hours in pursuing her career as a means of coping with the depressed life situation. The marriage had been a good one. Mr. Jones was a devoted husband and father. Mrs. Jones, age 40, meets eligible men through her professional career. She now is strongly considering dating but feels guilty. His parents and hers are alive and live in the area. Is dating a good idea for her? Yes____ No____? Why? What would you do? Why? If in a group, try to come to a consensus decision as to how to help meet the issue.

286 Mrs. Jones, age 40, has been in a coma for two years. She is not expected to recover. She is married to a very successful professional career man who is making sufficient money, including what she has saved, to keep her at home with 24 hour health service. For two years, he has put in even more hours in pursuing his career as a means of coping with the depressed life situation. The marriage had been a good one. Mrs. Jones was a devoted life and mother. Mr. Jones, age 45, meets eligible women through his professional career. He now is strongly considering dating but feels guilty. His parents and hers are alive and live in the area. Is dating a good idea for him? Yes____ No____? Why? What would you do? Why? If in a group, try to come to a consensus decision as to how to help meet the issue.

287 Ruth is an attractive 30 year old single, professional career counselor whose work has been excellent. She works at a nonprofit community agency in New York City. Job

duties require at least five evening assignments a month to areas where there is a high incidence of crime. She and the male professionals receive money for dinner and for public transportation to and from the evening work site. Ruth wants additional money to take a taxi cab to and from the work assignment or provision of a car for these assignments. Her salary is the same as that of male professional workers. The Director of the agency believes that Ruth should be treated the same as the men. What may be some ways to solve this problem? Be as specific as you can. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

288 The Wilsons have been married for 40 years in a relatively successful marriage. With the exception of the first two years, they have lived in their own private house. With failing health, some adjustments need to be taken as soon as possible. Mrs. Wilson grew up and lived in an apartment. Mr. Wilson grew up and lived in a house. Mrs. Wilson wants them to move into an apartment where there will be less responsibility for both of them and more opportunity to be near community events. Mr. Wilson wants to continue in their house and get part time help to do things they can no longer do. He is older and more resistant to change. What can be done to help solve this problem so that both Mr. and Mrs. Wilson are relatively satisfied with the arrangements? Be as specific as you can. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

289 The Wilsons have been married for 40 years in a relatively successful marriage. With the exception of the first two years, they have lived in their own private house. With failing health, some adjustments need to be taken as soon as possible. Mr. Wilson grew up and lived in an apartment. Mrs. Wilson grew up and lived in a house. Mr. Wilson wants them to move into an apartment where there will be less responsibility for both of them and more opportunity to be near community events. Mrs. Wilson wants to continue in their house and get part time help to do things they can no longer do. She is older and more resistant to change. What can be done to help solve this problem so that both Mr. and Mrs. Wilson are relatively satisfied with the arrangements? Be as specific as you can. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

290 Ruth is a very bright, attractive mature 17 year old. Her recent annual physical check-up discovered ovarian cancer that has spread to other areas. All of her family are devastated. The doctor recommends immediate surgery followed by chemotherapy. Her mother, father and two brothers are in favor of taking action without any delay. Ruth refuses to take any treatment. "It is my body and my life. I am going to carry on as best I can as long as I can. I know what lies ahead and this is my decision." What can the family do or not do? Should Ruth be able to hold her present decision? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

291 Molly, a married woman in her early thirties, has terminal cancer and has approximately one to two months to live when she suddenly has a severe heart attack. Should the doctor use resuscitation methods to keep her alive? Yes____ No____? Why? Should the family make the decision? Yes____ No____? Why? If Molly had a greater chance of survival, would the decision be different? Yes____ No____? Why? Can physicians

withhold treatment only when the patient has become moribund and death is imminent? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

292 List six problems which you think would be most likely to trouble you if everything in your life was as it is now except that yesterday you were told you have three months to live. Rate your six problems from one to six with one being the most important to you and six the least important. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

293 If you were told you had three months to live, what would you do if: (1) You were 20 years older or younger, (2) you got a divorce last month, (3) your brother also died of a similar disease, (4) you were poor, (5) you were a millionaire sweepstake winner, (6) your Blue Cross/Blue Shield had been cancelled, (7) you also had just learned that your two year old son was severely mentally retarded. Be as specific as you can. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

294 John goes for his annual checkup and the doctor has bad news for him. He has Herpes. He won't die from it but he will have to take treatments. There will be breakouts from time to time. As yet, there is no cure. He can transmit it to his wife. He is not sure what he should do. What are some of his options? Which one would you choose? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

295 A vaccine which cures AIDS has been developed by U.S. doctors working for the government. The medical profession is elated. The problem is that the vaccine is very expensive, at least $5,000 a dose. At least a pill a day for 30 days is necessary to bring about a cure. How should people be chosen to receive the vaccine? Should other than U.S. citizens be eligible? How should the program be administered? The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the matter in-depth and report to him recommendations in writing within 30 days. Is this a good idea? Yes____ No____? Why? Will you serve on this Committee if appointed? Yes____ No____? Why? What will be some of the steps to see that this program gets off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

296 A vaccine which cures AIDS has been developed by U.S. doctors working for the government. The medical profession is elated. The problem is that the vaccine is very expensive, at least $10,000 a dose. At least a pill a day for 30 days is necessary to bring about a cure. How should people be chosen to receive the vaccine? Should other than U.S. citizens be eligible? How should the program be administered? The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the matter in-depth and report recommendations to him in writing within 30 days. Is this a good idea? Yes____ No____? Why? Will you serve on this Committee if appointed? Yes____ No____? Why? What will be some of the steps to see that this program gets off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

297 It is now possible to locate and convert individual genetic deficits into genes that are healthy. What are the implications both short and long-range? The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the matter in-depth and have a preliminary report in writing within 270 days. Is this a good idea? Yes____ No____? Why? If you are asked to serve on thi Committee, will you do so? Yes____ No____? Why? How can this project get off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

298 It is the year 4750. There are no hospitals or doctors. Other members of the health team are also no longer needed. Everyone is in good health and can take care of any ailments, minimal as they are. Robots take care of all nitty gritty activities of daily life. Food is in great abundance all over the world because of biotechnological breakthroughs. Weather is controlled and suited to particular populations. Government is minimal. Crime is almost nonexistent. Mood and pleasurable activities are controlled by self medication. Art and music are as important as food and drink. Nevertheless, movers and shakers are concerned. Creativity and growth will no longer take place if steps are not taken to mold the bright future in new, innovative and creative ways. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee of outstanding people with a wide variety of interests and abilities. They will explore "expected problems" and submit a written report with short and long-range policy projections within 300 days. Is this a good idea? Yes____ No____? Why? If offered a position on the Committee, will you accept? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

299 Messages from deep in outer space have been received by scientists in the U.S. as well as in other countries. The messages, stop exploration of other galaxies immediately or we will tilt the axis of the earth and will make it impossible for life to exist on Planet Earth. Earth is allowed to continue only those probes that they have already set off, such as Voyager 5. All new explorations of other galaxies are forbidden, starting from the time of this message. There is no room for discussion. This order is effective at once. The President has called his cabinet into emergency session. What should he do? Give the options that are available and recognize that the time frame is to act at once. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

300 Marine pollution has consistently contaminated our richest resource. Fish are dying in oceans all over the world. Beaching of dead whales and dolphins highlight the problem of permanent loss of various species if action is not taken immediately. People all over the world are becoming ill from fish that are alive but carry with them new diseases. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International

Committee to see what can be done at once to alleviate the situation. They are to report in writing within 90 days, short and long-range objectives to alleviate, modify or solve a problem that can destroy earth as we now know it. Is the plan a good idea? Yes____ No____? Why? If invited, will you serve on this Committee? Yes____ No____? Why? How can this project get off to a favorable start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

301 It is the year 2099. Space Colony 82 has a majority of its population in their later years. Vigor is considerably extended for those in space who live in low gravity continually. Many in the space colony believe a decision must be made whether their dead are to be buried on earth or on Space Colony 82. Is setting a policy and plan for space residents who die in Space Colony 82 a good idea? Yes____ No____? Why? Do you want to have your mortal remains on earth? Yes____ No____? Why? In space? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

302 Each participant predicts events which will occur in the year 2000 and gives a percentage as to the chances of the event taking place, e.g., 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, 100%. Reasons for prediction must be given. After each member of the group gives predictions and the chance of its occurring, the group tries to come to a consensus on all the predictions for the year 2000.

303 Each participant predicts events which will occur in the year 2500 and gives a percentage as to the chances of the event taking place, e.g., 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, 100%. Reasons for prediction must be given. After each member of the group gives predictions and the chance of its occurring, the group tries to come to a consensus on all the predictions for the year 2500.

304 Each participant predicts events which will occur in the year 3000 and gives a percentage as to the chances of the event taking place, e.g., 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, 100%. Reasons for prediction must be given. After each member of the group gives predictions and the chance of its occurring, the group tries to come to a consensus on all the predictions for the year 3000.

305 All space colonies are high tech, high touch and sophisticated societies or they cannot survive. Laws are a prime necessity in space colonies. Space Colony 82, as well as other space colonies, with at best only a few thousand members need to meet the needs of their population. Legal systems of nations with residents numbering in the millions may not be appropriate for "small scale societies." Can a system of law characteristic of small, face-to-face primitive societies be more effective and desirable? Although selection of colonists is highly competitive and sophisticated, problems will occur as humans relate in a new hostile environment that allows few mistakes. What kinds of legal systems can exist and work in a space colony? How can legitimate disputes be settled? What forms of punishment can be used? How will criminal offenders be punished? The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee composed of talented space residents to explore in-depth the many new complexities of law in a space colony. A report in writing is due in one year. Is this a good idea? Yes____ No____? Why? Should earth residents who are talented and interested also be on the

Committee? Yes____ No____? Why? How can this project get off to a favorable start? Can there be a law of space that is accepted by most countries? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

306 Physical and mental illness is culturally determined. Life in space over time will modify or alter the kinds of disease that will be encountered as well as cultural concepts of healing. What kind of hospital facilities will ultimately be needed? How will hospitals be started? What kinds of helping professionals are of top priority in the beginning? The President of earth has appointed a Blue Ribbon Interdisciplinary International Committee to explore this health problem in-depth and report back in writing within one year. Is this a good idea? Yes____ No____? Why? If asked, would you serve on this Committee? Yes____ No____? Why? What size should the Committee be? What is the best proportion of space residents to residents of earth? What kinds of values will be serve a space colony? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

307 Can space colonies have private property? Is it better to have everything held in common? Can each space colony determine this on its own? Yes____ No____? Why? Will it be possible for some space colony entrepreneurs to become wealthy or do all in the space colony live at the same socio-economic level? Will the means of production be controlled by financial interests of those on earth or those who are the space colonists? Who will benefit and how much from the profits? The President of earth has appointed a Blue Ribbon Interdisciplinary International Committee of space residents and earth residents. Within one year, they are to provide suggested policies to get space colonization off to a good start. Is this a good idea? Yes____ No____? Why? Would you be willing to serve on this Committee? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

308 An international committee is appointed by the President of earth to design a system of social organization for a space colony thousands of light years from earth. Space colonization is considered to be an international multi-ethnic venture. There is no reason to expect marriage forms, inheritance, rights of the individual and the group, political authority, laws, principles of descent, kinship arrangement and anything else deemed important such as psychology, sociology, anthropology, economics, human biology, religion and other disciplines to mirror what is on earth. Will space colonists view their culture on earth in new ways? Will there be social systems more appropriate to their circumstances? Will the colonization of space ensure humanity's existence over the eons of time? What social organizations will be most suitable for life in space colonies? Is the proposed Committee a good idea? Yes____ No____? Why? Would you serve on this Committee? Yes____ No____? Why? How can this project get off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

309 It has happened, although some people cannot believe it; a man can now conceive and give birth to a child. Sex change has been in effect for decades but this new breakthrough is mind-boggling. Let us accept the premise that men can now conceive and give birth to children. Is this a good idea? Yes____ No____? Why? What are implications for society?

How will the roles of women change? Do you like the idea of men also giving birth to a child? Yes____ No____? Why? For men, would you become pregnant? Yes____ No____? Why? The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this matter in-depth and report in writing policies to help meet issues never faced by earth humankind before. Is this a good idea? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

310 It is the year 4995. There are no wars. Food and drink are plentiful. Living conditions are excellent. Contact between space colonies and earth is less frequent. Very few people work on earth and those that do fuse work and leisure. Many people are finding it more difficult to fill in their time with meaningful activities. The President of earth has appointed a Blue Ribbon Interdisciplinary International Committee to explore publishing a Dictionary of Leisure Titles similar to the Dictionary of Occupational Titles. A report in writing is due within six months giving suggested immediate and long-range plans to implement or drop this project. Is this a good idea? Yes____ No____? Why? If asked, will you serve on this Committee? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

311 It is the year 4,000. Three renowned physicians are going to try to bring back to life three people who have been in cryonic suspension since the year 2000. The doctors believe they will be successful based on preliminary computer data, monitoring and examining data over the years as listed in the log book. All evidence gives indication that the project will be successful. Assuming the experiment is successful, what are the implications for society, both now and for the future? What will the doctors say or do if the results are a major breakthrough in humans "new immortality?" What would you say if you were the doctors or the person was brought back to life? What would you say if you were asked to talk with the person who has "returned from the dead?" What will the person brought back to life say? Be as specific as you can.

312 In the year 100,001, a nuclear earth war wipes out civilization. All human and animal life except one 30-year old male is destroyed. For some unknown, strange reason or reasons, this one person is alive and appears in good health. He is an interdisciplinary Ph.D. physicist, biotechnologist and astronomer. Prior to the war, he was an athlete with active hobbies of hunting, fishing and mountain climbing. He spent most of his time outdoors in the western part of the United States, where he participated in survival workshops. Jack is in a traumatic state but well enough and alert enough to start thinking of what he can do to survive as an immediate goal. He is also considering both tentative and long-range goals. What initial, practical steps can he take to maximize his own longevity and to contribute to possible life again on Planet Earth? Be as specific as you can. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

313 In the year 100,001, a nuclear war wipes out civilization. All human and animal life except a 30-year old male and his 27-year old wife is destroyed. She is in apparent excellent health, a physician and biomedical engineer. There are no children. Prior to the war, they were athletes with active hobbies of hunting, fishing and mountain

climbing. They spent most of their time outdoors in the western part of the United States, where they participated in survival workshops. They are in a traumatic state but well enough and alert enough to start thinking of what they can do to survive as an immediate goal. They are also considering both tentative and long-range goals. What initial, practical steps can they take to maximize their own longevity and contribute to possible life again on Planet Earth? Be as specific as you can. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

314 Miniaturization, long a fantasy of science writers, has become a reality. Human beings can be made as small as a molecule. Moreover, a vessel just slightly larger than the molecule can be used to follow the bloodstream of an earth human, to show how people function. Do you think miniaturization is a good idea? Yes____ No____? Why? Would you be willing to be miniaturized to the size of a molecule? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

315 It is the year 45,001. An expedition of intelligent life from outer space has arrived in the U.S. All are more than 30 feet tall and bear only slight kinship with earth human beings. They have two sets of eyes, one in the front and one in the back of the head. They can see as well in the dark as in the light. They have four arms, two emanate from the back. Each has three large ears that can be adjusted to hear at very wide ranges of hearing decibels. Their color is a deep white enamel. There is no evidence of body or head hair. The head is six time the size of "human heads." Their speech is a mathematical language. They all have attached, through surgery, a complex backpack that allows them to "fly." They are somewhat friendly but regard humans as "primitives" and, at best, a source of amusement. The group has an obvious leader even though all of the group, both male and female, wear the same clothing. They have brought with them a mathematical phrase book to help earth humans communicate with the space persons living on a galaxy billions of light years away. The phrase book also gives a brief history of the space voyagers who request to see a few earth leaders with whom they can discuss their agenda. The President of earth is cognizant of the arrival of the strangers from space. Tension and anxiety is at a melting point. What should the President do? Be as specific as you can. What should be on earth's agenda? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

316 It is the year 100,001. New space careers have emerged and are emerging in order to keep humans in space colonies creative and productive. There are no wars and there has been plenty of nutritious good food and drink for centuries. Below are a sample of new careers. How can they be introduced? How can the best possible space humans who are interested be selected?

New Full Time Space Careers

(a) Life Facilitator—Promotes life's space goals, oral and written;

(b) Space Historian—Keeps a permanent record in the archives of language and pictures;

(c) Space Recreation Administrator—Uses different gravity levels for new space sports and recreation;

(d) Space Advocate—Sees that no discrimination takes place in choice of new space careers;

(e) Space Security Personnel—Guards against even small errors that can threaten or destroy a space colony;

(f) Space Entrepreneur—Brings new small business ideas for growing space colonies;

(g) Traveling Space Doctor—Travels to space colonies and provides latest medical breakthroughs;

(h) Researcher—Assesses physical and emotional changes in space colonies;

(i) Mood Counselor—Helps those space colonists who are undergoing deep mood changes because of the vast differences in lifestyles on a space colony and on earth;

(j) Space Courier—Carries top secret letters and memos to key keadership from space colonies to leadership on earth;

(k) Space Career Counselor—Initiates space *Dictionary of Occupational Titles*, which is a dictionary of job and career titles needed in space colonies;

(l) Exobiologist—Biologist who works in space;

(m) Exobotanist—Botanist who works in space;

(n) Asteroid Miner—Mines asteroids for precious metal;

(o) Moon Farmer—Farms plants and animals on the moon;

(p) Mars Farmer—Farms plants and animals on Mars;

(q) Space Futurist—Helps plan space colonies' strategies for the future.

(You can add other career and follow the same exercise)

317 Careers are being made truly interdisciplinary. Examples are:

Education and Training for:	or	Training and Education for:
Medicine and Dentistry	or	Dentistry and Medicine
Law and Social Work	or	Social Work and Law

Carpentry and Electrical Wiring	or	Electrical Wiring and Carpentry
Teaching and Administration	or	Administration and Teaching
Occupational Therapy and Nursing	or	Nursing and Occupational Therapy
Business and Economics	or	Economics and Business
Economics and Selling	or	Selling and Economics

The Earth Dictionary of Occupational Titles will be revised so that the world of work is viewed in this new perspective. Is this a good idea? Yes____ No____? Why? What effect will this have economically on jobs and careers? Will this thrust also make for greater job and career satisfaction? Yes____ No____? Why? Will the effect be greater on skilled and semiskilled jobs than those at the professional level? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

318 It is the year 50,005. Some primitive animals can regenerate organs that have been lost through accident, fighting, etc. In the last 50 years, a great deal of scientific research has focused on regeneration for human beings. Fingers, toenails, skin, etc. can and do rejuvenate. A breakthrough is now imminent. It will soon be possible to rejuvenate major organs of the human body, both internal and external. The technique is simple, inexpensive and safe. Is this a good idea? Yes____ No____? Why? The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this matter and its ramifications. Within 180 days it must report in writing some policies and guidelines to meet issues that are being reaised on values, mortality and other aspects of life. If asked, will you serve on the Committee? Yes____ No____? Why? How can this project get off to a good start? What controls are needed? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

319 It is the year 800,000. Research in anthropology has shown how close human beings are to chimpanzees, gorillas, etc. Many new exotic animals are already on Planet Earth. Genetic breakthroughs have paved the way to accelerate evolution. The mammals listed above are made closer to humans. Is this project a good idea? Yes____ No____? Why? The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this matter in-depth and report in writing within one year with policies and guidelines to deal with the issue. A vocal minority of earth's population believes this research is not ethical. They object to changing the uniqueness among the human beings on earth. How can the matter be resolved? Would you serve on the Committee if asked? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

320 It is the year 800,450. On Planet Earth and on space colonies all children, when born, receive a complete and thorough physical and mental examination including an IQ test of very high reliability and validity. All this information is placed in an 188th generation

computer and kept up to date. Planet earth and thousands of space colonies thus have an exact inventory of the assets and limitations of their residents. The emphasis is to see that talent is used and maximized so that the world is a better place for all to live in. Is this a good idea? Yes____ No____? Why? The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to take an in-depth look at the plan outlined above to see whether it should be dropped, modified or expanded. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? How can the project, if continued, not be used for the purposes of power and greed? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

321 It is the year 2030. There is still hunger in some parts of Planet Earth in spite of efforts, such as those of the Peace Corps, to remedy the situation. At the same time, there are hundreds of tasty, edible plants and fish that are not eaten and are plentiful on land and in the ocean. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore and identify areas and develop plans to eradicate hunger on Planet Earth. Their report must include ways to encourage all people to use "edible," "tasty," food that is available on earth and in the ocean. Is this proposed project a good idea? Yes____ No____? Why? Will you, if asked, serve on the Committee? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

322 It is the year 1,000,007. The barrier to exploring millions of galaxies has been removed through superconductivity. Earth humans are able to travel 50 times the speed of light and thus start colonies in galaxies that were once considered impossible to reach. At the same time, earth humans are on their way to other galaxies where there is intelligent life, but not necessarily as known on earth. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to develop within six months policies, guidelines and assessment techniques to determine the number of habited and non-habited galaxies to be explored. The report is to indicate the number of humans to be sent on each space ship. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If the majority of the space colonies are successful, what kinds of problems do you see on the horizon? Be as specific as you can. If the space ship holds 50 humans, what should be the distribution as to age, sex and career?

323 In the year 10,000, people on space ships are sent to close-by planets for exploration and settlement. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to develop within six months policies, guidelines and assessment techniques to determine the number of habited and non-habited galaxies to be explored. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If the majority of the space colonies are successful, what kinds of problems do you see on the horizon? Be as specific as you can. If the space ship holds 150 humans, what should be the distribution as to age, sex and career?

324 In the year 10,000, people on space ships are sent to close-by planets for exploration and settlement. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary

International Committee to develop within six months policies, guidelines and assessment techniques to determine the number of habited and non-habited galaxies to be explored. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If the majority of the space colonies are successful, what kinds of problems do you see on the horizon? Be as specific as you can. If the space ship holds 300 humans, what should be the distribution as to age, sex and career?

325 In the year 10,000, people on space ships are sent to close-by planets for exploration and settlement. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to develop within six months policies, guidelines and assessment techniques to determine the number of habited and non-habited galaxies to be explored. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If the majority of the space colonies are successful, what kinds of problems do you see on the horizon? Be as specific as you can. If the space ship holds 500 humans, what should be the distribution as to age, sex and career?

326 In the year 10,000, people on space ships are sent to close-by planets for exploration and settlement. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to develop within six months policies, guidelines and assessment techniques to determine the number of habited and non-habited galaxies to be explored. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If the majority of the space colonies are successful, what kinds of problems do you see on the horizon? Be as specific as you can. If the space ship holds 1,000 humans, what should be the distribution as to age, sex and career?

327 In the year 10,000, people on space ships are sent to close-by planets for exploration and settlement. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to develop within six months policies, guidelines and assessment techniques to determine the number of habited and non-habited galaxies to be explored. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If the majority of the space colonies are successful, what kinds of problems do you see on the horizon? Be as specific as you can. If the space ship holds 5,000 humans, what should be the distribution as to age, sex and career?

328 In the year 10,000, people on space ships are sent to close-by planets for exploration and settlement. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to develop within six months policies, guidelines and assessment techniques to determine the number of habited and non-habited galaxies to be explored. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If the majority of the space colonies are successful, what kinds of problems do you see on the horizon? Be as specific as you can. If the space ship holds 10,000 humans, what should be the distribution as to age, sex and career?

329 We can go back a million years ago and see remains of our earliest ancestors. Today we have the capability of hastening evolution. We can then see what earth human beings could be like millions of years from now. Opinions vary as to the ethics and propriety of going ahead in this area. Tempers are running high. Some action is needed. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this plan. A written report within nine months is to contain immediate and long-range goals of this evolutionary project. Policies, guidelines and constraints are also to be included. Is the Committee a good idea? Yes____ No____? Why? If appointed, would you serve? Yes____ No____? Why? What are the implications for society? If the project is launched, can it be carried out with a small sample of dedicated volunteers? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

330 Alchemists who looked for a method to transmute base metals, such as lead or copper into gold, are considered today as naive even though their efforts started chemistry as a science. Interest in the alchemists is still high. Many books, including one by a famous psychoanalyst Karl Jung entitled *Psychology and the Alchemists*, have been written. A famous scientist in a private lab has converted lead into gold through long-term research with superconductivity. The results have not been shared with colleagues. If this process were known, hundreds of other labs could replicate the experiment. The scientist wants to share results without profit but is torn about how and when to let the news out without causing world panic. What can the scientist do now and in the future? Should the government be informed first? Yes____ No____? Why? Should a Blue Ribbon Interdisciplinary International Committee be appointed by the President of earth to report in writing within 90 days suggested policies, guidelines and ways to get the project off to a favorable start? Is this a good idea? Yes____ No____? Why? If appointed, would you serve? Yes____ No____? Why? How will this breakthrough change society? What safeguards can be taken prior to release of the news? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

331 It is the year 4887. Planet Earth humans are increasing the number of homes built under water. Much scientific information has already been gathered about ocean farming, new ocean food and the effects on humans of living for long periods under water. Under-water homes are becoming more accessible to people of moderate incomes. Hundreds of thousands of earth residents want this experience. They want the Federal government to help finance the building of underwater homes and hotels. The President of earth, has appointed a Blue Ribbon Interdisciplinary International Committee to explore home and hotel under-water development. A written report on policies and guidelines is due within nine months. Is this new concept of ocean living a good idea? Yes____ No____? Why? If invited, will you serve on this Committee? Yes____ No____? Why? What effect will ocean living have on earth's society? Will you be willing to live in an underwater hotel or home? Yes____ No____? Why? If in a group, try to come to a consensus as to what may or may not be done.

332 Earth population has reached a new density per square mile. Increasing numbers of young people are making their homes on houseboats anchored in the ocean within twelve miles of shore. Houseboat residents believe that the government must establish some policies and guidelines. The President of earth has appointed a Blue Ribbon

Interdisciplinary International Committee to come up with policies and guidelines that will enhance ocean living in new, creative directions. A written report is due at the Office of the President of earth before 300 days. Is this a good idea? Yes____ No____? Why? If invited to serve on this Committee, would you serve? Yes____ No____? Why? Explain your reasons. How can this project get off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

333 The idea of a cyborg has long interested humans. With new engineering medical biotechnological breakthroughs the human body is able to do things that were never possible before. Humans can fly, hear at great distances, walk longer and more rapidly, see clearly at long distances and use new heart implants that allow great expenditures of focused energy. The body can be set to do things and/or remind the person of things needing attention similar to an alarm clock. People are different in physical attributes and how they act and perceive the world around them. Many people are worried. Humans are being changed in ways that take something that is human away and substitute a new technology. New breakthrough cyborg additions to humans are mind-boggling in their implications. The President of earth has appointed a Blue Ribbon Interdisciplinary International Committee to explore the cyborg concept in-depth. They are to report in writing within one year whether efforts along cyborg lines should be changed, modified or stopped completely. Is this a good idea? Yes____ No____? Why? If asked, would you serve on this Committee? Yes____ No____? Why? How can this project get off to a good start? If this exercise is done in a group, try to come to some consensus as to the effects of cyborg on man and implications for the future.

334 The population of earth continues to grow even though the number of humans moving on to space colonies continues to accelerate. More and more people on earth cannot find adequate housing even though the total number of homes and apartments continues to increase. The President of earth believes that action can be taken quickly if people on earth and in space put their minds to working out solutions. He has appointed a Blue Ribbon Interdisciplinary International Committee to explore this problem in-depth. A written report is expected within one year with ideas that can change, modify or ameliorate the ever-increasing housing shortage. Is this a good idea? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue. The Committee has come up with various plans that could make a difference in the worldwide housing shortage. Here is one example? Is it possible to build apartment buildings a mile or more tall? Most of life's services would be available within this so-called mile-high apartment complex.

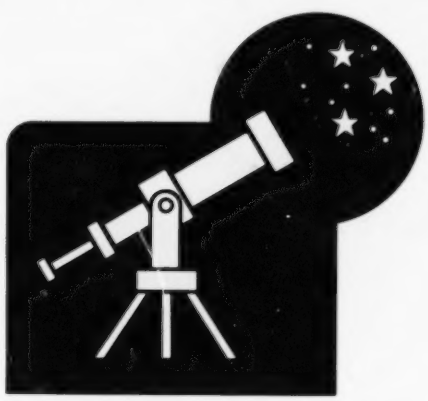
335 Communication with humans from other galaxies is presenting new problems. Humans from other galaxies are unbelievably brilliant. The lowest IQ of residents of these galaxies is equivalent to that of an Einstein. Earth humans find it almost impossible to decipher their mathematical language. How can earth humans be taught quickly to communicate in this mathematical language? It is hoped that innovative techniques will be discovered. Is this a good idea? Yes____ No____? Why? List any other ideas that can be explored to solve this problem. If you are meeting in a group, try to come to a consensus as to policies and working guidelines to help solve the communication gap.

336 A number of groups with physicians in leadership posture have started sperm and ova banks for profit. Infertile couples and couples who wish certain characteristics in their children use sperm and ova banks. Some banks specialize in sperm and ova from musicians, some from people with a high IQ and high achievements, etc. Is this a good idea? Yes____ No____? Why? Will you be willing to give sperm or ova to an ova and sperm bank? Yes____ No____? Why? What effect will further development of ova and sperm banks have on society? Should these clinics have to meet certain government rules and regulations? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

337 It is the year 4001. In the United States alone, there are 500,000,000 people in the labor force. Efforts to create more jobs and career openings have been unsuccessful. Economists for the Federal government have unanimously agreed that the one major way to solve the problem is to force all people to retire at age 50. Is this a good idea? Yes____ No____? Why? Do you want to retire at age 50? Yes____ No____? Why? What effect will this have on the U.S. society? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

338 It is the year 800,001. Money is no longer to be used as a means of exchange anywhere on Planet Earth. Is this possible? Yes____ No____? Why? What other ways can people on earth carry out business activities? Is this a good idea? Yes____ No____? Why? What are some of the problems? What are some possible solutions? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

339 It is the year 50,001. People on Planet Earth and on hundreds of space colonies have decided that all competitive sports are to be abolished within five years. New kinds of games are to be introduced to children from kindergarten on. For example, King of the Mountain has been changed to People of the Mountain. Instead of one person winning and all the others losing, now everyone wins in the new game. All games have been or will be changed. People will compete with themselves in sports, not with others. The idea is a synergetic one so that everyone wins. The concept of winner and loser is no longer viable or productive. Is this a good idea? Yes____ No____? Why? List ten common games such as Cops and Robbers, Hopscotch, Baseball, Football, Hockey, Basketball and show how they can be made noncompetitive. If in a group, try to come to a consensus decision as to the effects of non-competitive sports on society.



340 Residents of a far distant space galaxy have reached earth through a laser superconductor. Their oral message is to exchange 100 of the most gifted youth from earth simultaneously to visit their planet and vice versa. Their planet, in many ways, is similar to earth in geography, weather, climate, age, etc. Is this a good idea? Yes____ No____? Why? The President of the earth has a Blue Ribbon Interdisciplinary International Committee to explore this exchange in-depth including selection of possible candidates for this mission. They are to report in

writing to the President within six months. If appointed to this Committee, would you serve? Yes____ No____? Why? How will this invitation affect Planet Earth? Be as specific as you can. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

341 Transplants of a wide variety of organs from the human body are commonplace and highly successful. It is the year 20,001. Brain transplants on the mouse and other mammals, for example, show that the process is medically risk-free. Many international scientists are ready to transplant brains from one person to another. Is this a good idea? Yes____ No____? Why? Would you be willing to donate your brain? Yes____ No____? Why? What immediate and long-range effects would there be on society? Be as specific as you can. If in a group, try to come to a consensus as to both the dangers and positive tradeoffs.

342 It is the year 100,001. More and more long-time careers such as doctor, dentist, health professionals, etc. are becoming obsolete. Health and human longevity, never even dreamed of in the past, are now a reality. New careers do not appear to be emerging to meet new societal needs. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the problem in-depth and report in writing within one year. What new jobs and emerging careers can be initiated to make up for those that are becoming obsolete? List six new careers that are relevant to advanced societies. If appointed to this Committee, would you serve? Yes____ No____? Why? How can the project get off to a good start? Can a society exist without jobs and careers?

343 The Humboldt telescope, plus the use of new sophisticated satellites revolving around the moon, show that some of the asteroids can be mined profitably far beyond man's fondest dreams. Metals that can be mined are purer and in greater concentration than those on earth. Unskilled labor to mine the moon and the asteroids is needed within the year. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore lunar and asteroid mining expeditions and to provide policies and other guidelines to get the project off to a good start. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? What criteria should be used to get the best possible miners to man this project? Consider as many factors as possible such as age, health, motivation, previous job or career experience, etc. If in a group, try to come to a consensus decision as to policies and working guidelines as to how miners are chosen, including how long a tour of duty will be required and any penalties for not abiding by the written contract.

344 New animals, particularly birds, have emerged from genetic research. The numbers of these exotic animals have increased and no end seems in sight. There are even cows the size of elephants. Some birds have been genetically altered so that within the near future it will be possible to have humans use them as horses were once used for transportation. Many U.S. citizens are concerned how far these genetic experiments will continue. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this entire matter in-depth. They are to report back in writing on policies and working guidelines on how to cope with these new genetic developments. Is this special Committee a good idea? Yes____ No____? Why? What are dangers as well as

tradeoffs in continuing this genetic research? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

345 Research has shown that the more jobs and careers a person knows about, the better are his or her options. Seven to ten people meet in a group session. In 30 minutes, each person lists in writing as many jobs and careers about which he or she knows. Each person reads his or her list. Anyone not knowing about a certain job or career can ask for an explanation. The number of jobs or careers varies from group to group. After the session, participants list jobs and careers new to them. The group then tries to come to a consensus as to what they learned in the session and how they intend to use this new job and career information. Is this project a good idea? Yes____ No____? Why? Would you like to participate in such a session? Yes____ No____? Why?

346 If you were to live your life all over again, what would you do the same and what would you do differently in relation to your job, career and lifestyle? If in a group, try to come to a consensus decision as to what individual members have learned from this exercise.

347 You go to your doctor for your annual checkup. The news is bad. You have cancer that has spread to various internal organs. You have about a year to live with no treatment. If you decide on chemotherapy and/or radiation, your doctor says you will gain about two or three months more but with pain, loss of hair, etc. What will you do? Why?

348 In a course on religion at the graduate college level you are asked whether you believe in immortality. You answer Yes____ No____? Why? How does your answer affect your lifestyle? Are your concerns of immortality changing? Yes____ No____? Why?

349 It is the year 66,001. The site is the Olympic games on Space Colony #189. Athletes from thousands of space galaxies gather together for the athletic competition that takes place every five years. List what kinds of games can take place in space. Contrast them with the Olympic games held on earth. If in a group see if there can be a consensus as to what athletic events can take place. Discuss what differences exist in comparison with athletic events on earth.

350 It is now possible to locate genetic deficits and convert them into healthy genes. The societal implications are not yet understood in any depth. The use of trade secrecy and patenting of what is being done is not acceptable to some scientists and U.S. citizens. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the matter in-depth. A preliminary report in writing is due within 270 days. Is this a good idea? Yes____ No____? Why? If you are asked to serve on this Committee, will you do so? Yes____ No____? Why? How can the project get off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

351 You are a middle-aged research dentist working at a small private laboratory with all the freedom you want and need. Your father and two brothers are in private practice. All of them are most successful and looked upon as top professionals in the field of dentistry. You have worked for years on a gene-reacting serum that could save gums, keep teeth healthy and, when necessary, grow new teeth. It looked like life-long research when

suddenly everything fits into place and the dream becomes reality. You have told no one as yet of your discovery and its implications for dentistry and society in general. Is this dental research breakthrough a good idea? Yes____ No____? Why? Should research along these lines continue? Yes____ No____? Why? Who should the research dentist tell about his discovery? His father and brothers? Yes____ No____? Why? The Federal government? Yes____ No____? Why? What are or can be the positive rewards from this discovery? What are the negative tradeoffs? Should the discoverer of this serum be allowed to profit from the research? Yes____ No____? Why? If in a group, try to come to a consensus as to advantages and disadvantages of this high-tech dental breakthrough and what policies and working guidelines can be established to help meet this new challenge.

352 It is the year 25,001. List ten jobs or careers that are in demand. List ten jobs or careers that are becoming obsolete. Give reasons for your choices.

353 It is the year 32,007. All jobs and careers have been simplified. Nearly all of the population is capable of performing any of the 30,000 job titles. People interested in a job or career are chosen on the basis of strong interest and motivation. How would you show your interest and motivation for a certain job or career? Be as specific as you can. If in a group, each person try to convince a selection committee of his or her interest or motivation for a certain job and career. Is the selection technique a good idea? Yes____ No____? Why? Would you change your job or career? Yes____ No____? Why?

354 How important is prestige in selection of a job or career? It is the year 2000. Eight to ten people in a group list ten jobs and/or careers from one to ten that they think are most prestigious as of this point in time; one being the highest. After doing this Futuristic Exercise, they write the ten most prestigious jobs or careers that will exist in the year 2500. An attempt is made to come to a consensus on both lists. Each person in the group gives reasons why a job or career is prestigious. Will you participate in this Futuristic Exercise? Yes____ No____? Why?

355 A voice computer breakthrough with the help of a video recorder allows people to dream anything they want. More and more people are living their lives in dreams that seem to be reality. Achievement and scores on college boards are declining and there is less interest in arts and music. There is a steady increase of people from all segments of society who are dream-addicted. Everything is available and no work is needed. The President of earth has appointed a Blue Ribbon Interdisciplinary International Committee to get detailed facts and report in writing within nine months. The mandate of the Committee is to suggest policies and guidelines to alleviate, modify or change the alarming trend taking place in society in the year 5894. Is the entire concept of this dream invention one that needs to be outlawed? Yes____ No____? Why? Is the appointment of the Presidential Committee a good idea? Yes____ No____? Why? If invited, will you serve? Yes____ No____? Why? How can the project get off to a good start? If the "dream craze" continues, what major effects will it have on society?

356 The good news is that a well known scientist has discovered a complete cure for arthritis. The bad news is that it causes fatal reaction in about five percent of those who take the vaccine. Should the vaccine be released to physicians? Yes____ No____? Why? Should

more testing take place before the vaccine is released? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines that are best for both the individual and society.

357 A group of seven to ten people meet to discuss the proposition that the world will be the same, better or worse 500 years from now. Members of the group give their choices and reasons for their choices. After all members of the group have given reasons for their choices, the group tries to come to some consensus regarding their deliberations.

358 In what ways will you treat or have treated your children differently than the way you were reaised. If your children are already adults and you could do it all over again knowing what you know now, what would you do the same and what would you do differently? If you are still growing up, what things do your parents do that are helpful; what things are not helpful or at best are neutral? If in a group, try to come to a consensus decision as to what things are important and seem to make a positive difference in growing up? Do these values or techniques change as society changes? Yes____ No____? Why?

359 You are given $50,000,000 in a will to donate to a stranger or anonymously to one charity of your choice. You have just one month to complete the transaction. You cannot directly benefit from the transaction. How would you dispose of the money? If in a group, try to come to a consensus as to what donation would make the most difference in peoples' lives.

360 The button has been pressed. It cannot be reversed. A thermo-nuclear holocaust is set to occur in exactly 25 years. There will be no survivors. With this knowledge, will you change your present life? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

361 Breakthroughs in medicine have been mind-boggling. The latest medical victory is easy to administer with no side effects. The serum has your rate of physical aging slowed down by a factor of fifty and gives a life expectancy of 2500 years. Health will stay the same as it was prior to the injection. Is this a good idea? Yes____ No____? Why? Will you choose to be injected by the serum? Yes____ No____? Why? If in a group, try to come to a consensus decision as to the best possible choice for each person.

362 Your doctor, at your annual physical checkup, says you will die of an incurable disease within 90 days. A second opinion gives you the same prognosis. Would you allow yourself to be frozen within 48 hours if you were told you now have a fair chance of being revived in one hundred years without any disease? Is this a good idea? Yes____ No____? Why? Will you choose to be frozen? Yes____ No____? Why? If in a group, try to come to a consensus as to how to make a decision that is best suited for each person.

363 Are there things you have dreamed for a long time of doing in your job or career? List them. Give reasons why you have not done them. List reasons why you should do them. If in a group, try to come to a consensus as to methods people can use in order to fill short- and long-range career goals.

364 After your annual physical, your doctor and friend tells you that you have a rare skin cancer and have only a few months to live. A week later he informs you that the lab tests were not labeled correctly. You are in excellent health. Will you take legal action? Yes____ No____? Why? You have looked death squarely in the face and have been given a reprieve. During the week of extremely difficult and devastating days you have probably gained new insights. Please list what you learned and how this experience may affect the rest of your life. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

365 You have invented a time machine that allows you to go any distance into the future. After five years, you return to the present with knowledge gained from the trip but with no tangible objects. Would you take the time machine trip if there was a 40% risk of death? Yes____ No____? Why? If in a group, try to come to a consensus decision as to the best decision for each member of the group.

366 A new vaccine has been developed that extends life up to 500 years. You would live for the 500 years at any physical age you choose and in good health. The downside is that you would become extremely ugly physically. There is no way to reverse the process. Is this a good idea? Yes____ No____? Why? Would you try it? Yes____ No____? Why? If in a group, try to come to a consensus as to what working guidelines and policies can be used so that each person makes his or her best decision.

367 An operation is necessary for you to live. In addition, the operation can save your sight or your hearing, not both. How would you vote, to be blind or to be deaf? What would be your choice? Why? If in a group, try to come to a consensus as to policies and working guidelines so that each participant can make the best choice for herself or himself.

368 It is the year 2800. After 30 decades of research, a robot has been invented that can tell a person's abilities, interests and personality as well as the best possible job or career he or she can enter. Is this a good idea? Yes____ No____? Why? Would you take the machine's examination and results? Yes____ No____? Why? What effect will this machine have on society? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

369 After a five year voyage, colonists from earth have reached Planet 286, which is similar to earth. There are, however, many different kinds of animals, fish and plants that are unknown on earth. With the help of little gravity, the physiology of these visitors from earth is quickly changing. They realize that they can no longer physically return to Planet Earth. The earth space colonists are happy with what they have seen and are adjusting to a new way of life, including the intelligent life already there. Inhabitants of Planet 286 seem to be pleased at the arrival of the earth beings and are doing everything to make them feel at home on a planet millions of light years away from Planet Earth. What can earth colonists do to continue their adjustment to Planet 286's society and contribute to it? Be as specific as you can. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

370 A lack of quality has permeated the U.S. work force whether it be in quality of the product or services. Nearly everybody recognizes the problem but no concerted in-

depth effort has been made to remedy the situation. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the matter in-depth. A written report with guidelines and policy goals to regain the concept of quality in work and services, no matter the job or career or the type of service, is due within nine months. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines that will help regain the quality which has gradually eroded over the past decades. Be as specific as you can.

371 In the United States, many jobs and careers require a resume. At present, many need help in preparing a resume that will maximize their assets and minimize their limitations. Some schools and colleges have started programs to remedy the deficit but much more needs to be done. You are one of seven to ten people with similar abilities, interests and backgrounds who are meeting to prepare, modify or change their individual resumes. For about 45 minutes, the facilitator discusses how to prepare chronological and functional resumes. A visual presentation is used. Each member of the group then shows his or her corrected resume to the entire group, one at a time, for suggested changes and additions. Jobs or careers such as advertising, art, editing and writing often require that work samples be included with the resume. The session usually takes about six hours. The session closes with a summary by the facilitator. Is this concept a good idea? Yes____ No____? Why? Would you join a group of this sort? Yes____ No____? Why?

372 Most jobs and careers require an interview prior to hiring. Many people who are qualified "blow the interview." They do not present themselves in ways that are conducive to hiring. Some schools and colleges are starting programs to remedy this deficit but much more needs to be done. You are a member of a small group of seven to ten people with similar interests, abilities and backgrounds who are meeting to help each other be better prepared for any job or career interview. For about 45 minutes the facilitator discusses the forthcoming interview. Each member of the group is then interviewed for a job or career opening by the facilitator. Every member of the group critiques each interview and provides suggestions to each member. Is this concept a good idea? Yes____ No____? Why? Will you be willing to join the group? Yes____ No____? Why? The session will take about six hours. It concludes with a summary of the session by the facilitator.

373 Each person who has a television set has a secret access number that allows him or her to interact directly with a program he or she is watching. For a modest fee, interaction takes place between viewer and the specific program. What are the implications of this breakthrough? Do you think it is a good idea? Yes____ No____? Why? Will you get an access number so that you can interact with TV programs? Yes____ No____? Why? If in a group, try to come to a consensus as to how guidelines and working policies can be initiated for greater communication on a local and national level.

374 It is the year 30,301. War on earth has been extinguished except for a few isolated countries. It has been suggested that the two countries which are at war or about to go to war allow the decision as to winner or loser be made by games of "war chess." Robots on both sides go to battle rather than humans. Is this a good idea? Yes____ No____? Why? The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary Interna-

tional Committee to report back to him within one year as to the efficacy of this method and how peace results can be enhanced. If appointed to this Committee, would you serve? Yes____ No____? Why? Can other human problems be faced along similar lines? Yes____ No____? Why? Be as specific as you can. If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

375 It is the year 10,802. This is the date that all countries on Planet Earth have decided that the salaries for all jobs and careers will be the same. Is this a good idea? Yes____ No____? Why? Will you work as hard as you did in the past? Yes____ No____? Why? How will this law affect society? Be as specific as you can. If in a group, try to come to a consensus as to advantages and disadvantages.

376 There has been a change in values as the U.S. changed from an agricultural society to an industrial one. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the values in-depth. The written report is due within one year. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus as to the role of values in the U.S.

377 The death penalty was and is continually discussed by concerned citizens. State laws differ as to the death penalty. People change their views based on new attitudes as well as new facts and figures about capital punishment. Murder is on the increase. The President of the U.S.A. has set up a Blue Ribbon Interdisciplinary International Committee to explore capital punishment in-depth and report in writing within 18 months. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to meet the problem with humaneness and consideration of the needs of society.

378 The family in the U.S. is a great strength and strong support system that makes a major difference in the life of each member of the family. About four decades ago, more than 50% of children helped their parents financially if they needed it. Today the figure is about four percent. Children, who could help their parents and did not, could and were brought to court. Many people are concerned about these changes. They would like to see closer family relationships. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the entire matter and its implications in-depth. Within 270 days the Committee is to present working guidelines and policies to bring together more cohesive families in the U.S. Is this a good idea? Yes____ No____? Why? Would you serve on the Committee if invited? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

379 A few gifted people in the United States have made the major contributions to our society. Gifted youth and adults have not received an education appropriate to their talents. Interest in doing more has reached a higher priority than in the past. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the education for the gifted. They are to explore working guidelines and policies that can enhance gifted peoples' contributions to society. Is this a

good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to what can be done to make a critical difference in reaching and maximizing talents of the gifted. For example, should a stipend be available to the gifted from the elementary schools through professional and graduate schools?

380 It is the year 2300. Most people spend more years in retirement than they spent at work or at a career. Is this a good idea for most people in the United States? Yes____ No____? Why? Do you look forward to more leisure time than work? Yes____ No____? Why? What will you do? Why? If in a group, try to come to a consensus decision as to policies and working guidelines helpful to most U.S. citizens in coping with a new leisure society. Be as specific as you can.

381 You are working as an assistant astronomer in a research program. Twenty-four hours a day, a computer releases a message to intelligent life out in space. The project has been in existence for 50 years without an answer to the message. A message comes from outer space one holiday evening while you are alone on duty. What do you do? Who should be notified? Why? What will the news do to earth society? Be as specific as you can.

382 Although not yet tested, it is widely believed that the Constitution guarantees that each U.S. citizen owns his or her own body. Is this a good idea? Yes____ No____? Why? Does this mean a person can sell a kidney or other body organ at a price he or she determines? Is this good for society? Yes____ No____? Why? If in a group, try to come to a consensus decision to meet a problem that has to be faced without further delay.

383 More and more people want or have made arrangements for a living will. This means that if they are very close to certain death, no heroic medical measures are taken to keep the person alive. This is done legally with an attorney. Some states recognize a living will. Others do not. Is this idea of being in charge of your life or death via a living will a good idea? Yes____ No____? Why? Will you make a living will? Yes____ No____? Why? Are there real dangers to this concept? If in a group, try to come to a consensus decision as to policies and working guidelines to meet the parameters of a living will.

384 Holland has approved euthanasia. Each person has the right to choose his or her death day rather than linger for a few weeks or longer in agony. Is this a good idea? Yes____ No____? Why? Do you approve of euthanasia? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

385 More and more U.S. citizens and the Federal government are concerned about population, feminism, peace, nuclear weapons, hunger, etc. You are appointed to a Presidential Blue Ribbon Interdisciplinary International Committee to explore this matter in-depth and report in writing to the President within 270 days. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? How can the project get off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines that will enhance driving forces of change in ways that are positive for society both now and in the years ahead.

386 Hundreds of thousands of U.S. citizens have skills, abilities, career interests and educational background for jobs for which there are relatively few openings and many applicants. There is no longer the need for as many doctors, dentists, anthropologists, astronomers and other careers in the U.S. Many people, as well as the Federal government, are concerned about the talent loss. There is a growing morale problem. People want to work in their chosen job or career and the job/career placement outlook is a bleak one. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore in-depth this problem. A report in writing is due on his desk within 270 days. Policies and working guidelines to meet the situation in a creative and productive manner are requested. Do you think the appointment of this specific Committee is a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? How can the project get off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines that can be initiated to grapple with this complex problem.

387 It is the year 2000. Poverty has not been eliminated. The lives of people throughout the world still need considerable improvement. Although the United States is far ahead in standards of living of most of the world, U.S. citizens and the Federal government are concerned about Planet Earth. What can be done to remove poverty, air pollution, acid rain, toxic waste, etc.? The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this problem in-depth. A report in writing is due on the President's desk within one year on suggested policies and working guidelines to win the war on poverty and improve life for all on Planet Earth. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? How can the project get off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines.

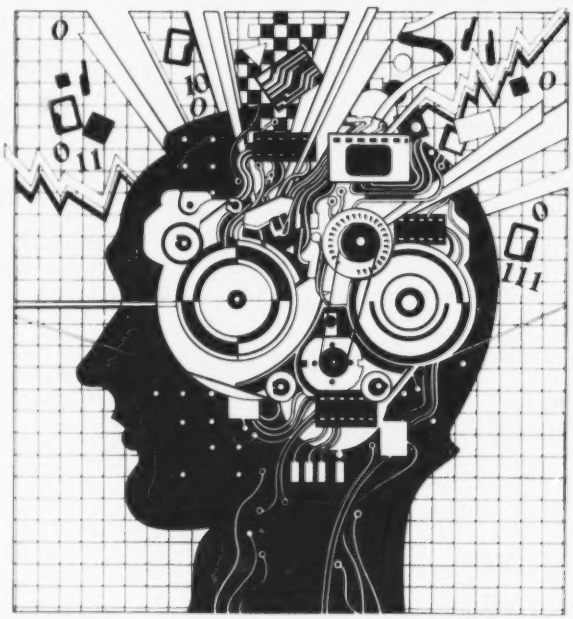
388 It is the year 4999. You have lived 40 years in Space Colony No. 88. You are in excellent health, 50 years old and very active and creative both at work and leisure. You are satisfied that your decision to leave earth many years ago was a sound one. You now have a deep yearning to return to earth to see your remaining family, relatives and friends. All who are alive will look and be much older than you. Space physicians say that you will age very rapidly upon your return to earth and that you will not be able to ever return to Space Colony No. 88. Other space colonists also are experiencing similar ideas of returning to earth. Is this a good idea? Yes____ No____? Why? If you were a space colonist, would you return to earth? Yes____ No____? Why? If in a group, try to come to a consensus decision via policies and working guidelines as to what options are available and specific reasons for choosing one option over the other.

389 Hibernation for five months out of each year means increasing one's longevity by 75%, according to recognized international medical researchers. Hibernation must take place at designated times, not at the convenience of the individual person. Once hibernation has set in, discontinuation can lead to severe illness. Is this a good idea? Yes____ No____? Why? Will you try hibernation? Yes____ No____? Why?

390 The use of hibernation is increasing very rapidly by people of a wide variety of ages and backgrounds. People who have tried hibernation tell how good they now feel and about pleasurable, calming dreams during the hibernation period. The U.S. government is

concerned that hibernation is being used as an escape system. The President has appointed a Blue Ribbon Interdisciplinary International Committee to explore hibernation and its effects. A report is requested in writing within one year on policies and working guidelines. If in a group, try to come to a consensus decision as to policies and working guidelines to meet this problem. Do you think hibernation is good for society? Yes____ No____? Why?

391 There are two extremes to the following problem. It is theoretically possible that only earth has humans on it or that the universe is bristling with intelligent life. More than partial answers are probably centuries away. The effect of space on our society will increase in quantum leaps. Space colonization will ultimately dot our galaxy and possibly beyond our galaxy as well. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee, which includes those who have traveled in space, to report in writing within one year. The report is to explore the topic of space in ways that can be meaningful and understandable to society, both earthbound and those who may live in space. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? Are you willing to travel in space? Yes____ No ____? Why? If in a group, try to come to a consensus decision as to hypotheses that the only intelligent life is on earth and, to the other extreme, that the universe is teeming with intelligent life. Try also to show how the Committee's report can be used in education from preschool to graduate professional education and beyond.



392 A team of internationally known scientists has developed a new pill which can be taken only on one's 50th birthday. It enables the person to get younger each year. More and more people are taking the pill. It is available at very little cost and can be purchased at the local drug store. Regular aging again takes place when one returns to adolescence. There are no physical or emotional side effects. Is this a good idea? Yes____ No____? Why? Will you take the pill? Yes____ No____? Why? Is this good for society? Yes____ No____? Why? If in a group, try to to a consensus decision as to policies and working guidelines before someone can take the "new pill."

393 You are a cryptologist with international acclaim and credentials. A year ago, a laser message was received on earth from a planet billions of light years away. No one on earth can decipher the message. You are alone in the laboratory one evening when you suddenly have the key to decipher the message. The message is so mind-boggling and

devastating in its implications that for a while, you cannot even move your body. You finally regain some of your composure. What should you do? Why? Should you let people know? Yes____ No____? Why? What are your options? If in a group, try to come to a consensus decision as to what can or cannot be done and why. What are the implications for society both for now and the future? What policies and working guidelines can help meet this awesome challenge?

394 You are the oldest person on Planet Earth and still in good health at age 147. All of your contemporaries, friends and relatives are dead. You are now regarded as an international natural resource. What do you see as your role? Be as specific as you can. If in a group, try to come to a consensus decision as to the role of such a person for the present and the future.

395 More and more people in the United States place a major emphasis on a happy, private life. Why then do so many people put so much energy into their job or career? If you believe your private life is more important to you, do your day-to-day priorities support your intention? Is it possible that work may be important to you in spite of your protestations to the contrary? Is work a substitute for not doing other things or facing a personal problem? Can career success lead to private personal happiness? Be as specific as you can. If in a group, try to come to a consensus decision as to how to meet this issue in the most creative ways that lead to personal growth and development both for the individual and society.

396 It is the year 4807. People in the U.S. can choose the manner of their death. Is this a good idea? Yes____ No____? Why? Which method would you use, if any? Is this option good for society? Yes____ No____? Why? If in a group, try to come to a consensus decision as to how each person can come to his/her best possible decision.

397 Two extraordinary motivating pills have been developed by a team of world renowned scientists. There are no adverse physical side effects. Once a decision has been made it cannot be reversed. One pill (A) will ensure you an extremely successful professional life and have a tolerable but unexciting private life. The other pill (B) will ensure an extremely happy private life and only a tolerable and uninspiring professional life. Which pill will you choose and why? If in a group, try to come to a consensus decision as to ways to have each person make his/her best possible decision.

398 It is the year 2050. A mind-reading computer has just been invented. The telepathic machine uses microsensors that detect electrical activity in the brain. It picks up human thoughts, edits and enhances them. Then it places them on a television screen in front of the thinker all within a matter of seconds. Is this a good idea? Yes____ No____? Why? Will you use this telepathic machine? Yes____ No____? Why? Is this new invention good for society? Yes____ No____? Why? The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to report in writing within one year policies and working guidelines for the use of this mind reading machine. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines for use of this telepathic machine.

399 It is the year 2025 when high school students have to be prepared to change jobs and careers at least ten times during their lifetime. Is this a good idea? Yes____ No____? Why? Will this be good for society? Yes____ No____? Why? Will this change make it necessary to have more guidance counselors in a wider variety of work settings? Yes____ No____? Why? The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to report within one year in writing working guidelines and policies on how to best meet this accelerated number of job and career changes. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to optimize these career changes both for the individual as well as for society.

400 It is the year 3000. U.S. society continues to be dominated by single men and women. Fewer children are being born. More money is spent on adult luxuries and entertainment. Moreover, singles have a significantly strong say in how taxes are spent and cities planned. Is this trend a good idea? Yes____ No____? Why? How does this demography affect different groups in the United States? The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this matter in-depth and have a written report withon one year. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines on how to meet this change positively for both individuals and society, regardless of age, sex and economic level.

401 The projections are that there will be 100,000 Americans aged 100 years or older by the year 2000; and half a million by the year 2025. Minimum health needs for this group are much more expensive than for other age groups. Singles and other age groups deeply resent and are concerned about society's priorities for those 65 and over. The President of the U.S. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this matter in-depth and have a written reply within one year. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines on how to meet this problem positively both for the individuals and society, regardless of age, sex and economic level.

402 It is the year 2480. Prospective lovers can now sign dating contracts to deal with legal problems involving such conditions as sexually transmissible diseases, pregnancy, abortion, ownership of property and financial compensation or renumeration if the relationship comes to an end. Dating services, growing in numbers, are now like brokerage firms and carry standard dating contracts. Is this a good idea? Yes____ No____? Why? Will you use this sort of service? Yes____ No____? Why? Is this a good thing for society? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines that can alleviate, modify or improve this new societal trend.

403 Seventy-five percent of all workers currently employed will need retraining by the year 2000. This means more than 100,000,000 workers will need retraining if the U.S. work force is to be competitive in a world market. Both employers and the Federal Govern-

ment are concerned about the training program needed and its effect on the U.S. economy. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore training needs of the private and public sector and report in writing within nine months as to policies and working guidelines necessary to meet a growing problem. It needs to be faced head-on as soon as possible in order to avoid economic disaster. Is the plan of the President a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? What new ideas and techniques can be initiated to get this project off to a good start? If in a group, try to come to a consensus decision as to policies and working guidelines to meet this problem with sufficient creativity to meet training needs that enhance the U.S. economy.

404 It is the year 3009. Artificial intelligence allows computers to have human emotions and the ability to imagine. Human emotions and creativity are exceedingly important in problem solving. A-I machines are programmed with the same rules that govern human emotions. Is this breakthrough a good idea? Yes____ No____? Why? Will negatives outweigh the positives of artificial intelligence computers? Yes____ No____? Why? What safeguards need to be built into programming? Further sophisticated breakthroughs are about ready to emerge. The President of the United States has appointed a Blue Ribbon Interdisciplinary International Committee to explore the effects of artificial computers on society. Within nine months a report on policies and working guidelines to monitor further research is mandated. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines that will help both the individual and society.

405 Aromas and pills that affect peoples' moods are now being manufactured. They are very inexpensive and are available at drug stores all over the U.S. The manufacturers state that research shows no physical side effects from the aromas or pills. Different aromas and pills produce a wide variety of moods but none that are destructive. Is the use of these aromas and pills a good idea for individuals? Yes____ No____? Why? Is the use good for society? Yes____ No____? Why? Many people are concerned about the short and long-range implications of this "mood" breakthrough. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore mood pills and aromas in-depth and present a written report with policies and working guidelines in six months. Is this Committee a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines on the use of mood pills and aromas.

406 It is the year 4000. All over the United States, hospitals are being replaced by medical malls. They include specialized acute care hospitals and walk-in x-ray, nutrition, exercise, teeth, eye, hearing, etc. clinics. Office buildings as well as hotels are connected by a health oriented mall. Is this a good idea? Yes____ No____? Why? Will you use a health-oriented mall? Yes____ No____? Why? Standards are now being set up to evaluate these health care malls. The present standards vary considerably. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore in-depth health related malls. The Committee is to present in writing,

within 180 days, suggested policies, standards and working guidelines for health care oriented malls. If in a group, try to come to a consensus decision as to policies, standards and working guidelines.

407 It is the year 3050. Suicide among the elderly has become acceptable as medical science has extended the human life span to 175 years. Elderly persons in poor health can apply for suicide licenses. Thanatologists, counselors who counsel the terminally ill, can dispense potent drugs that cause death quickly and painlessly. A "festival" of dying or a special death fiesta may make dying a pleasant and meaningful experience. Is this a good idea? Yes____ No____? Why? Is this a good idea for society? Are there possible dangers that must be monitored most carefully? Yes____ No____? Why? Increasing numbers of people commit suicide. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore in-depth the question of voluntary suicide. A report in writing within twelve months as to policies and working guidelines for monitoring possible suicides by the elderly is required. Should voluntary suicide be legal or not? Yes____ No____? Why? Is this planned suicide by the elderly a good idea? Yes____ No____? Why? Will you choose voluntary suicide including the date and time of your choice? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies, controls and working guidelines for self or monitored suicide or whether or not self suicide should be legal.

408 As the elderly population grows, the number of persons afflicted with Alzheimer's Disease and other forms of dementia will double by the year 2000 and quintuple by the year 2040. More and more people are deeply concerned about the problem. They want to see much more attention paid to the matter. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore Alzheimer's Disease in-depth. They are to report in writing within 18 months, policies and working guidelines as to what may be done to alleviate, modify or eradicate Alzheimer's Disease. If in a group, try to come to a consensus decision as to policies and working guidelines as to what may be done.

409 A recent survey by Gallup shows that 25% of Americans believe in reincarnation. In the last few years there has been an increase in books and articles on reincarnation. Some reputable scientists are looking into the matter. They believe some of the facts they have gathered point strongly to the possibility of reincarnation. Do you believe in reincarnation? Yes____ No____? Why? The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this matter in-depth and report in writing within one year as to facts gathered, explanations offered and what further research, if any, may be indicated. Is this plan a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision.

410 Research by scientists in various countries has shown that if you are a strict vegetarian and don't smoke, you can increase your longevity in good health for 15 years. It also prevents cancer. You must start by age 16. Is this a good program to follow? Yes____ No____? Why? Will you try it? Yes____ No____? Why? If in a group, try to come to a consensus decision on how one can decide what is best for him or her.

411 Rapidly growing knowledge of genetic structures has made it possible for scientists to predict with high statistical probability the chances that certain individuals will commit a serious crime. Further breakthroughs may soon make the predictions even higher. Most people in the U.S. support crime prevention. The President has appointed a Blue Ribbon Interdisciplinary International Committee to explore this crime problem in-depth. They are to report in writing within 18 months to the President. Policies and working guidelines to remedy this situation with creativity that meets the needs of the individual and society are requested. If in a group, try to come to a consensus decision as to how decisions can be made that can best meet the needs of both the individual and society. Be as specific as you can.

412 It is the year 3010. Through cryonics, people who have been frozen for 1000 years have been brought back to life. The cryonic process is now reliable and inexpensive compared to the high cost during the early years when no one really knew whether people could be brought back from death. For many awakened from the long sleep it is a mind-boggling experience. They are overwhelmed in trying to cope. For others, blending in with a new society vastly different in most ways from what they have known is a source of motivational excitement. It is another unusual opportunity to grow and develop. The population is growing rapidly all over the world because of cryonics and particularly so in the United States. The major religions are not against cryonics. Each person has to make the cryonics choice. Complications of all sorts are increasing legally, in marriage, etc. The President of the U.S.A. has set up a Blue Ribbon Interdisciplinary International Committee to explore the matter in-depth as to policies and working guidelines. A written report is due in 18 months. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines that can help society and the individual make appropriate decisions in relation to a cryonic society as well as new ways to meet situations that never before existed.

413 There is more than enough research evidence that a mother's behavior during her pregnancy can and does affect her child. A growing legal movement is trying to punish those mothers whose bad habits during their pregnancy, such as smoking and drug use, have caused their children serious difficulties after birth. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this problem in-depth and report in writing within one year. The Committee is to present policies and working guidelines to prevent, modify or lessen the health and societal implications. Can such a legal movement proceed without interfering with human choice and civil liberties? Yes____ No____? Why? The anger, grief and emotion on all sides of the question are genuine. Do women have the right to choose their behavior? Yes____ No____? Why? Does this need to be balanced with the fact that their child has a right to the best possible start in life? Yes____ No____? Why? Is it possible to be reasonable and fair to all concerned parties? Yes____ No____? Why? Is the formation of this Committee a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to modify, change or alleviate this growing problem. Try to be specific in such matters as to dangers of government intervention in private decision making.

414 The President's full Cabinet, meeting at a well known, isolated vacation resort, has been captured by heavily armed terrorists. They insist that designated arms or 100 billion dollars be provided within 72 hours. What are the President's options? What option will probably be the best for the U.S. and the Cabinet members? With whom should he consult prior to making a decision? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue. How can they solve this threatening situation?

415 All kinds of violent crimes are increasing rapidly on U.S.A. campuses. More than half of the violent acts on campus are related to the use of alcohol. Far too many students and parents are not aware of what is happening on the campus. Most students are not street-smart and have grown up in very secure environments. With increasing facts about the crime situation on college campuses both in magazines and newspapers, citizens all over the United States have been aroused. They are asking for immediate action to modify, alleviate or help solve the problem as soon as possible. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the matter in-depth. They are to come up with policies and working guidelines in writing within 90 days to help U.S. colleges and universities better cope with crime on college campuses. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines that can modify, alleviate or solve the increasing problem of violent crime on college campuses. Be as specific as you can as to what can be done. Prioritize the actions to be taken.

416 In the United States, and particularly in the city of Seattle, there is a committee of concerned citizens that choose who should live and who shall die. Is this a good idea? Yes____ No____? Why? For example: If there are fifty people who require a heart transplant, an artificial kidney or a similar need and only six are available at a point in time, the Seattle committee has to make the choice. How was the Seattle committee chosen? How do they make a choice? Are criteria for selection on the committee changed from time to time? Is there a way of determining how well the committee performs? Yes____ No____? Why? Do we need a new morality code? Yes____ No____? Why? Are there other ways of solving the donor/recipient problem? Yes____ No____? Why? Do we need a set of rules to guide decision making in awarding transplants? Yes____ No____? Why? The President of the United States has appointed a Blue Ribbon Interdisciplinary International Committee to explore the problem in-depth with policies and working guidelines. A report in writing is due on the President's desk within twelve months. Is this a good idea? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines on how to modify, alleviate or solve the problems related to becoming an organ recipient. Explore new ways of coming to grips with the problems of potential donor recipients.

417 A vaccine has just been discovered for the cure and prevention of AIDS and a few forms of cancer. Emotions are very high regarding the vaccine because of the overall fear of many people towards AIDS. Should vaccination be mandatory? Yes____ No____? Why? In France, vaccination against Diphtheria was compulsory. A study showed a large number of youth had falsified vaccination certificates. Almost fifty percent of the population, despite the legal obligation, were not vaccinated. In Great Britain virtually

the entire population is vaccinated, but the method is education not compulsion. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore in-depth how to get vaccination for AIDS and some forms of cancer accepted. A report in writing is due within six months. Policies, legal possibilities and working guidelines as to how best to meet the situation are to be presented. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines that can make for greater acceptance of the vaccine for AIDS and some forms of cancer.

418 Many thousands of people, including some of the leading medical ethicists and other ethicists believe that very old people, when seriously ill, should not be aggressively treated with antibiotics or other life-saving devices. According to some experts, the continuing rise in U.S. outlays on health care makes some sort of rationing inevitable. Some people believe that an age-based cutoff of life-extending measures is about as fair as possible. The topic is widely discussed with high emotion on both sides of the issue. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the matter in-depth and report in writing within twelve months. Suggested policies and working guidelines are to be explored so as to meet this issue that are fair both to the individual and society. Is this Committee a good idea? Yes____ No____? Why? If chosen to be on the Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines as to how to meet this situation fairly both for society and the individual as well.

419 At the present time, there is practically no formal regulation of new or old surgical procedures for Mr. and Mrs. John Q. Public. They are requesting increased evidence that a procedure works. In the 1950's, for example, nearly every other child in elementary school had a tonsillectomy. Today very few are performed. Other kinds of operations such as removal of the prostate, carotid end arthrectomy, coronary artery bypass, etc., are being looked at in new ways, including the necessity of the operation at all. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this surgical situation in-depth and come up with policies and suggested working guidelines. A written report is due on the President's desk within one year. Is the appointment of this Committee a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? What can be done about the resistance of the surgical profession to regulation? Discuss some of the problems. What is the role of government? What kind of surgical oversight may be the most practical and appropriate? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue. Is it possible to have a balance between medical surgical creativity and some necessary government control so that John Q. Public is protected?

420 In a few states the amount of money given to welfare mothers is reduced if the child or children miss school for reasons other than illness. The hope is to have welfare mothers take a more active role in the education of their children. Is this a good idea? Yes____ No____? Why? Do you think the results will be favorable? Yes____ No____? Why? Do you think this plan discriminates against welfare mothers? Yes____ No____? Why?

Other states are considering adopting this plan. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this plan in-depth. A report in writing within nine months is mandated. If in a group, try to come to a consensus decision as to policies and working guidelines on how to best meet the situation in ways that are beneficial to welfare mothers and their children as well as to society.

421 Some 50 years ago, a psychology professor at Yale University devised a machine that lets a person know his/her abilities, interests, potential and personality, and related these facts to a career. The machine did not work. Today, with much more sophisticated methodology and super-computers, a machine has been devised that can predict with 98% accuracy, the best possible career for any men or woman, boy or girl. Is the concept a good idea? Yes____ No____? Why? Will you let the machine test you for your ideal career? Yes____ No____? Why? Is there an invasion of privacy? Yes____ No____? Why? The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this matter in-depth and report in writing within twelve months as to policies and working guidelines if this robot is to be used extensively in the U.S. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? Should taking this career test be required? Yes____ No____? Why? What implications are there for work and society? If in a group, try to come to a consensus decision as to policies and working guidelines if this machine is to be used extensively in the U.S. Be as specific as you can to changes that will take place if the machine is the new way to "choose" a career.

422 It is the year 2500. Most people in the U.S. live to 150 years and in good health. Nearly all men and women have three distinct careers during their lifetime. The state and Federal governments have endorsed the concept of three different careers. During the last few years there has been an accelerated rate of dissatisfaction with second and third careers by both men and women. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the problem in-depth and report in writing within 18 months policies and working guidelines that can help solve, modify or minimize the problems of second and third career dissatisfaction. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? Will additional career counselors make the difference? Yes____ No____? Why? If in a group of eight to ten, let each person describe her/his present career or job and what he or she would want as a second and third career and why. Each person should be as specific as possible as to the reasons for the second and third choice. After each person in the group has made a presentation, the group will select the three people who have been most convincing and realistic in choosing their second or third careers. See if the group can come to a consensus decision as to what parameters are of import in making a second and third career choice.

423 Synthetic food is available inexpensively. The taste is not comparable to "regular" food, but adult people who eat synthetic food only will live at least 15 years longer at their present health level. Internationally recognized physicians endorse the use of synthetic food. If one stops eating synthetic food and returns to regular food, health deterioration takes place very rapidly. This breakthrough has increased the numbers of very old people and strains the health services. The President of the U.S.A. has appointed a Blue

Ribbon Interdisciplinary International Committee to explore this matter in-depth. They are to report in writing within twelve months, policies and working guidelines to meet this new health problem/opportunity. Is appointment of this Committee a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines that will help individuals make the best choice for themselves and society.

424 It is the year 3240. A six-month internship is a requisite to enter any career field. Selection of interns is by qualified peroples who are not involved in the internship program. No exceptions are allowed. These internships are sponsored by the Federal government. The program has been in existence for ten years. A Blue Ribbon Interdisciplinary International Committee has been appointed by the President to evaluate the effectiveness of the internship program. A written report is due within twelve months. Is the appointment of this Committee a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to what assessment techniques can be used to evaluate the program and also suggest policies and working guidelines that can enhance the present program if it is to be continued, modified, enhanced or cut back.

425 Millions of people are fired annually in the U.S.A. Many are legitimately fired. In many instances, however, the reason for being fired is the relationship between the employee and his or her supervisor. Doing the job well does not necessarily protect the fired employee. Being fired may turn out to be best. For others it is a traumatic experience with loss of productivity for a short or long period of time. Society is often the big loser in the firing process. The number of people fired is increasing annually. Many people become disgruntled and sore at the system; legal battles have also greatly increased. More people are concerned about the firing process. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this matter in depth. Within 12 months, the Committee is to report in writing policies and working guidelines on how to solve, modify or lessen the number of firings. Is appointment of this Committee a good idea? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines that will bring about change beneficial to both the individual and society. Be as specific as you can as to short and long-range changes that can be made in the firing process. Try to prioritize the suggestions offered by the group.

426 A long-time employee of the XYZ Company has an outstanding record. His boss with whom he has an excellent relationship demands that at the end of the working day he fire a subordinate without stating the reason or reasons. The company is not unionized. Bob believes that the proposed firing is not justified. The group is to try to come to a consensus decision as to the various options available to Bob. Be as specific as possible. Prioritize in numerical order the options available to Bob.

427 Helen, a devoted single mother, has a six year old child. She has a job interview which was made last week for a very high level career promotion. The regular reliable babysitter cancels at the very last minute. Helen knows no one with whom she can leave her child at such short notice. The group is to try to come to a consensus decision as to

the various options available to Helen. Be as specific as possible. Prioritize in numerical order the options available to Helen.

428 Tom served in Vietnam combat for three years and may have come into contact with the defoliating Agent Orange. There is no way to know for sure. Tom and his wife, Irene, are both 30 years old. They have been happily married for five years and want to have a baby. The group is to try to come to a consensus decision as to their options. Be as specific as possible. Prioritize the options available.

429 Numerous studies have shown that college graduates earn more than elementary and high school graduates. Hundreds of thousands of young people with ability, but without sufficient funds, do not obtain education or training beyond high school. Many have suggested that college and other post secondary education be free. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the matter in-depth. A written report is due on the President's desk within twelve months. Policies and working guidelines to help change, modify or solve the problems of education beyond high school is mandated. Is the appointment of this Committee a good idea? Yes____ No____? Why? Will you serve if appointed? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines which can be initiated to reduce the tremendous loss of human talent in the United States. Be as specific as you can. Prioritize your suggestions.

430 Jack Blank is a Senior Scientist with the XYZ Company. He is called in by his long time friend and CEO to tell him that he is to be promoted to a prestigious new, career assignment. Before he can fill in the details, Jack says, "Let me say something first. I have AIDS. I want to continue as long as I am capable but my colleagues should know my physical status." The CEO and the Chairman of the Board want to keep the matter a three-way secret but at Jack's insistence they allow others in middle management to know. What scenarios may then take place? Be as specific as you can. In business, government and universities, AIDS issues must be met. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore AIDS in the work force and report in writing within nine months. Policies and working guidelines to meet this devastating life, job and career situation is mandated. Is this concept a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to meet AIDS in the workplace in ways that show concern for both the individual and society. Be as specific as you can. Try to prioritize suggestions from the group.

431 It is the year 1995. Millions of mid-level managers have been fired or let go during the past five years. The projection is more of the same for the next five years. Many of this group are working at two jobs and earning considerably less than in their managerial past. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the lessened need for middle managers. A report in writing within nine months is mandated. Is the appointment of the Committee a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and

working guidelines that will solve, modify or ameliorate this situation. Be as specific as you can. Prioritize your suggestions.

432 It is the year 2050. In the U.S.A., millions of people annually retire at age 65. Although large numbers of retirees still want to work, there are not sufficient part time or full time job or career openings. With longevity increasing for both men and women, this problem will accelerate if action is not taken to meet the job and career needs of retirees. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this problem including many implications for society. The Committee is to have a written report on the President's desk within one year. Policies and working guidelines to help solve, modify or change the situation to one that adequately meets the needs of retirees as well as the larger society is mandated. If in a group, try to come to a consensus decision. Be as specific as you can. Prioritize the suggestions of the group.

433 It is the year 2025. A reputable large mining company has started to mine the Moon and Mars. The company as one of its activities offers 25 pounds of Moon rock for $500 and $2500 for 25 pounds of Mars rocks. You can use the Moon and Mars rocks as souvenirs. Do you think this idea of selling rocks from the Moon and Mars is a good one? Yes____ No____? Why? Would you purchase Moon and Mars rocks? Yes____ No____? Why?

434 It is the year 2025. Single people in the U.S. who have never married are increasing. Various reasons are given to explain the phenomenon. One that is causing deep concern is that growing numbers of singles want to marry but are unable to meet the person they want. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore "singles U.S.A." in-depth. A report within nine months in writing as to policies and working guidelines that will help singles and society in meeting this problem is mandated. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines that will enable singles to better meet their needs. Be as specific as you can. Prioritize suggestions from the group.

435 It is the year 1993. Forty-five million people in the United States do not have health insurance. The numbers will accelerate on to the year 2000 and beyond. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore in-depth, health insurance in the U.S.A. and report in writing within 270 days. Policies and working guidelines to have health insurance available to those unable to purchase it and upgrade health insurance to those that are marginally protected is mandated. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines that can help modify, change or enhance health insurance benefits. Be as specific as you can.

436 It is the year 1993. More than six million people in the U.S.A. regularly use cocaine. The numbers are rapidly increasing, in spite of death and family breakdown. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the matter in depth. A report is due within 270 days. Policies and working

guidelines with short and long-range goals to meet the problem on a national, regional and local level are mandated. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to meet the "cocaine tragedy." Be as specific as you can. Prioritize the group's suggestions.

437 It is the year 2500. Antarctica is not owned by any country. New interest in Antarctica is expressed by many young adults all over the United States. They view the frozen waste as a chance for high adventure and exciting scientific breakthroughs. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the possible colonization of Antarctica. Within one year the Committee is to suggest in writing, policies and working guidelines to colonize Antarctica. If in a group, try to come to a consensus decision. Be as specific as you can. Prioritize the group's suggestions.

438 It is the year 891,000. Humans on all planets, including earth, are in unusually good health over the total life span. They also have very high IQ's. There are many hundreds of thousands of people who are eminently qualified for careers of their choice but there are no openings. People are restless; morale is low. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this matter in depth. A written report is due on the President's desk within one year. Suggested policies and working guidelines to change, ameliorate or solve the problem with benefit to both individuals and society are mandated. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision. Be as specific as you can. Prioritize the group's suggestions.

439 Two groups of U.S. citizens are in increasing open conflict. One group is deeply concerned about the environment, pollution and preservation of animal, insect and plant life. The other group wants to exploit nature's resources within reason for private enterprise. Something needs to be done relatively soon or conditions will get out of hand so that both groups will be hurt in the process. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the matter in-depth. A report in writing is due within 270 days. Suggested policies and working guidelines to modify, change or ameliorate the environmental problem so that both groups come closer together in their goals and conflict is reduced is mandated. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help modify or solve the problem. Be as specific as you can. Prioritize the group's suggestions.

440 It is the year 7000. All societies on earth and in space are highly involved in leisure activities. Work is only a very small part of most peoples' lifestyle. Most people on earth believe that it is time for new games and activities rather than mere continuation of tennis, baseball, football, hunting, soccer, chess, basketball, fishing, ice skating, ice hockey, skiing, cricket, painting, sculpture, hiking, music, etc. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee. Within three years a written report suggesting new or modified games and leisure

activities to meet the needs of a healthy, educated, intelligent society on earth and in space is mandated. Is this a good idea? Yes____ No____? Why? If in a group, try to come to a consensus decision as to suggested new or modified games and leisure activities. Be as specific as you can. Prioritize the group's suggested games and activities.

441 Many people do not find it difficult to go back in time and understand how Indians in Arizona were working and living 10,000 years ago and that the earth is over five billion years old. Many people, however, do find it very difficult to visualize our world 10,000 years as well as five billion years from now. Each person in the group selects a time in the future as far ahead as he/she can. Each one is allowed 20 minutes to list in writing the year and lifestyles of the time-frame selected. Each person orally gives the date selected as well as the issues of the time. The group in a consensus decision tries to select the three most plausible times and issues. Is this a good idea? Yes____ No____? Why? Will you participate? Yes____ No____? Why?

442 Biosphere II, located in Tucson, Arizona, is to be a completely enclosed 2.25 acre self-supporting ecosystem. It is designed to accommodate human, animal and plant life. The project can be viewed as a step toward colonization of the moon, Mars and other planets or as a defense against eventual extinction of life on earth. The 30 million dollar venture is a project of Space Biospheres Ventures, a private company, largely funded by Edward P. Bass of the Texas oil family. Humans who are selected for the experiment will shut the door behind them and not emerge for two years. They will be living in a world that duplicates five of earth's biomes, i.e., separate environmental systems. In the Savannah biome, there will be 150 plant species; in the rain forest biome another 250. Virtually nothing will be disposable. The problems of recycling and creating a balance of nature will have to be met. Is this a good idea? Yes____ No____? Why? Will you be a candidate for the venture? Yes____ No____? Why? Should the government help fund the project? Yes____ No____? Why? Should the government set up a similar venture? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue of living in a self-contained environment.

443 You are appointed to a Presidential Blue Ribbon Interdisciplinary International Committee to select the first 20 people of either sex to colonize Mars. The trip to Mars will take one year. There will be no return to earth for a minimum of 15 years. Criteria for selection will be career expertise, outstanding health, age and overall contribution to the success of the mission. There will not be resupply or ground maintenance from earth for at least one year and probably not for two to three years. Is colonizing Mars a good idea? Yes____ No____? Why? Would you want to be a candidate for one of the people to be selected? Yes____ No____? Why? If in a group, try to come to a consensus decision as to

the careers, age and sex of the 20 people who are to be selected for the first human voyage to Mars.

444 One hundred thousand people will be 100 years and older by the year 2000. This is the good news. The bad news is that many older people are driving cars, not only during the day but at night as well. Some states require a vision or driving test but the growing problem has not been faced in a uniform manner. Although older peoples' accidents are not as damaging in comparison to those of younger people, the total number of older drivers is on the increase. Many people all over the United States are deeply concerned about this matter and what can be done to ameliorate, modify or solve the problem. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this growing problem in depth. They are to report in writing within 24 months with policies, working guidelines and criteria to determine what is best for society and the individual in relation to driving a car in the later years. If in a group, try to come to a consensus decision as to policies and working guidelines and criteria for driving a car in the later years.

445 It is the year 900,000. Storage facilities for all kinds of government records are filled in spite of ways to put more in less space. Essential records will still be maintained. The next step is to evaluate what historical records should be kept. Business as well as universities and other organizations are facing the same problem. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore in-depth the problems. Within two years, a written report on policies and working guidelines and criteria to meet these issues is mandated. How to keep what is really needed and what is not is the problem. How can knowledge of the earth's culture be maintained for future generations? Is formation of this Committee a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues. List criteria for retention or denial of saving records. Prioritize them.

446 It is the year 150,000. Human cloning is carried out for those earthlings who meet the qualifications. If you are qualified, will you be cloned? Yes____ No____? Why? The numbers of humans who are being cloned has increased; all kinds of problems are emerging. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee. They are to explain human cloning in-depth and report in writing within 24 months as to policies and working guidelines to meet the issues and problems related to human cloning. Is this a good idea? Yes____ No____? Why? If in a group, try to come to a consensus decision as to the values and dangers of human cloning. Try to come up with policies and working guidelines to meet the issues of human cloning in ways that will benefit both the individual and society.

447 A scientist researches skin-related disorders. She is particularly interested in baldness and why more men than women become bald. While working alone in the lab of her employer, she discovers a vaccine that may grow hair on humans. It already does on small mammals. She decides to test the vaccine on herself and her husband. Within a week, the results are encouraging for her husband and her bald spot is gone. Try-outs with a few others also seem very promising. What should she do or not do? No one at

this point in time at the lab knows what has happened. Does she have to tell her employer? Yes____ No____? Why? Should she patent the vaccine if possible? Yes____ No____? Why? How can she do what is best for herself but at the same time let her employer benefit from her hair growth breakthrough? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issue.

448 Different religious groups are growing in size and power. A number prohibit receipt of blood transfusions or traditional medical treatment. A growing number of their children who have died in all likelihood could have been saved by medical treatment. Former coreligionists and many other citizens are concerned. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore this matter in-depth and report in writing within one year, ways to help modify, change or alleviate the problem. Is this a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines that meet the problem in the best possible way for both the individual and society.

449 It is the year 2001 and illegal drugs are an annual billion-dollar crime business in the United States. Millions of young and adult lives are permanently destroyed by drugs. The nation is deeply aroused and wants immediate action that will make a significant difference in illegal drug activities for both the "pusher" and the consumer. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore the drug problem in-depth. Within 90 days a written report on ways to modify, alleviate or help solve the drug crime problem is mandated. Legalization of drugs, such as cocaine and heroin, will also be discussed and recommendations made. Is the Committee a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help win the war against drugs.

450 A pill has been developed that increases a person's IQ by fifty percent. Is this a good idea? Yes____ No____? Why? Will you take the pill? Yes____ No____? Why? What are the implications for society?

451 Easy, painless cosmetic surgery can make you look the way you want. Is this a good idea? Yes____ No____? Why? Will you use the cosmetic surgery? Yes____ No____? Why?

452 You have the abilities and power to make five major changes in our earth society as it exists today. What will you do? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

453 More people are becoming cognizant of risks that exist in our society. Examples are: Radon is a radioactive gas that has no taste, color or odor and seeps in silence from rock to soil and into homes. The Environmental Protection Agency estimates that 5,000 to 20,000 people die each year from lung cancer caused by radon. It is estimated that 2,000 fewer people would die each year in fires if there were smoke alarms in every home. The list of risks could be multiplied easily a hundred times, such as living near, or working

in, a nuclear plant, etc. The President of the U.S.A. has been sufficiently concerned to appoint a Blue Ribbon Interdisciplinary International Committee to explore the proposal of comparative risk analysis. What policies and working guidelines will lead to greater public understanding? A written report is due on the President's desk within twelve months. Is the appointment of this Committee a good idea? Yes____ No____? Why? If appointed to this Committee, would you serve? Yes____ No____? Why? If in a group, try to come to a consensus decision as to policies and working guidelines that would help modify, alleviate or solve growing risk problems. Discuss as many activities or risks that make for loss of life expectancy and/or birth defects. What does it cost to manage risks? How can the needs of both the individual and society be met in ways that may enhance the growth of the individual as well as society?

454 You come home from shopping and your wife, who recently was given an O.K. on her annual physical, is in a deep coma on the sofa. It is medically recommended that she not be moved. Three years later she is still at home and in a coma. Twenty-four hour nursing care around the clock is provided. What can the husband, a professional worker, do or not do in his personal life? Why? If in a group, try to come to a consensus decision as to policies and working guidelines to help meet the issues.

455 List three people you know who are most successful in their job or career. Give the reasons for their success from your point of view. If in a group, each participant tells the reasons he/she has chosen a specific person. After each participant has given his/her reasons, the group tries to come to a consensus decision as to what factors make for job or career success.

456 List three couples you know with most successful marriages. Give the reasons for their success from your point of view. If in a group, each participant tells the reasons he/she has chosen a specific couple. After each participant has given his/her reasons, the group tries to come to a consensus decision as to what factors make for successful marriages.

457 Pollution of the air, water and soil is the number one problem facing the U.S. in the year 2750. Band-aid approaches have not met the issues. Very serious health problems of thousands of U.S. citizens can be traced to pollution. The President of the U.S.A. has appointed a Blue Ribbon Interdisciplinary International Committee to explore pollution in depth. An action report on how to meet the problem is due within 180 days. If in a group, try to come to a consensus decision as to policies and working guidelines to modify, alleviate or solve the pollution problems and issues.

458 The prestige of jobs and careers is changing in the U.S.A. More adults consider prestige as a very important criterion in job and career choice. What makes a career or job prestigious? If in a group, each participant lists in numerical order his/her choice of the ten most prestigious jobs and/or careers and reasons for the choice. The group tries to come to a consensus decision as to the ten most prestigious jobs and/or careers and reasons for the ratings.

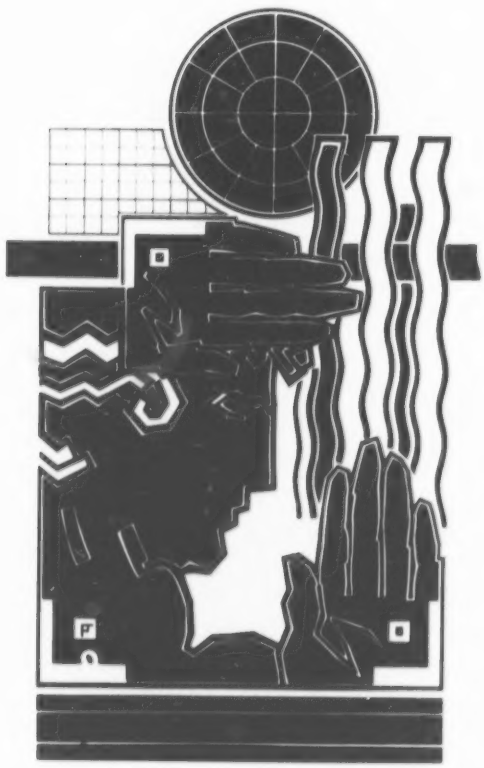
459 In 1993 an international board of 20 directors to improve the quality of life on earth is established. If in a group, each participant names five people to be on this board. The

group will try to come to a consensus decision as to the twenty people to be chosen and reasons for each.

460 You are appointed to a Presidential Blue Ribbon Committee to select 20 people to inhabit the moon. There will be no return to earth for three years. People selected should be chosen on the basis of superior health and outstanding expertise in their career. Give the ages, career titles and sex of the 20 people who are to be selected. If in a group, try to come to a consensus decision as to the persons who are to be selected including career, sex and age.

461 You are appointed to a Presidential Blue Ribbon Committee to select 20 people to colonize Mars. The trip to Mars will take about a year. There will be no return to earth for at least ten years. People selected should be chosen primarily on the basis of superior health and outstanding expertise in their career. Give the ages, career titles and sex of the people who are selected. If in a group, try to come to a consensus decision as to the persons who are to be selected including sex, career and age.

462 Make up your own futuristic exercise. Try it out with some of your friends or relatives.



CHAPTER IV

FUTURISTIC DRAWING EXERCISES

1 Draw a picture of yourself now, in the year 2000, in the year 2020, and in the year 2040. Show what you are doing in career or leisure activity. Each person hangs his or her picture just like in a gallery. The group views the pictures and votes for the three best pictures. The best three are discussed by the winners with reactions from the group.

2 Draw a picture of yourself and your family now, in the year 2000, in the year 2020, and in the year 2040. Show what each person is doing. Each person's picture is hung just like in a gallery. The group views the pictures and votes for the three best pictures. The best three are discussed by the winners with reactions from the group.

3 Draw a picture of yourself now, in the year 2000, in the year 2020, and in the year 2040. Show what you would most like to do no matter how much of a fantasy. Each person's picture is hung just like in a gallery. The group views the pictures and votes for the three best pictures. The best three are discussed by the winners with reactions from the group.

4 Draw a picture of yourself engaging in your greatest achievement now, in the year 2000, in the year 2020, and in the year 2040. Each person's picture is hung just like in a gallery. The group views the pictures and votes for the three best pictures. The best three are discussed by the winners with reactions from the group.

5 Draw a picture of your family in their greatest achievement now, in the year 2000, in the year 2020, and in the year 2040. Each person's picture is hung just like in a gallery. The group views the pictures and votes for the three best pictures. The best three are discussed by the winners with reactions from the group.

6 Draw a picture of the greatest issue confronting the United States now, in the year 2000, in the year 2020, and in the year 2040. Each person's picture is hung just like in a gallery. The group views the pictures and votes for the three best pictures. The best three are discussed by the winners with reactions from the group.

7 It is the year 2040 and people from another galaxy reach earth. Draw a picture of U.S. humans meeting "humans" from another planet. Each person's picture is hung just like in a gallery. The group views the pictures and votes for the three best pictures. The best three are discussed by the winners with reactions from the group.

8 Draw a picture of the first wedding on Mars. It is the year 2020. All pictures are hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

9 Draw a picture of the first funeral on Mars. It is the year 2020. All pictures are hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

10 It is the year 2500 and there is a meeting of the leaders of 50 space settlements. Please draw a picture of the group at their opening session. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

11 Draw a picture of your family having a great time together in space. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

12 Draw a picture of the world at peace in the year 4,000. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

13 Draw a picture of where you live now and in the years 2000, 2020, and 2040. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

14 Draw a picture of your best vacation now and in the years 2000, 2020, and 2040. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

15 Draw a picture of a highlight of your life now and in the years 2000, 2020, and 2040. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

16 Draw a picture of you meeting the most important person you would like to meet now and in the years 2000, 2020, 2040. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

17 Draw a picture of a peaceful, pleasant scene for you now and in the years 2000, 2020 and 2040. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

18 Draw a picture of the first person who has reached earth from a space habitat millions of light years away. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

19 It is the year 1,000,001. Draw a picture of how spacemen and spacewomen look. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

20 Draw a picture of immortality as you see it. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

21 Draw a picture of intelligent space life as you envision it. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

22 Draw a picture of the first wedding on the moon. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

23 Draw a picture of a space basketball game. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

24 Draw a picture of space football on the moon. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

25 Draw a picture of space soccer on the moon. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

26 Draw a picture of the first funeral on the moon. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

27 Draw a picture of a concert on the moon. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

28 Draw a picture of a foot race on the moon. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

29 Draw a picture of the work you do on the moon. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

30 Draw a picture of a religious service on the moon. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

31 Draw a picture of dancing on the moon. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

32 Draw a picture of golf on the moon. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

33 Draw a picture of tennis on the moon. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

34 Draw a picture of volleyball on the moon. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

35 Draw a picture of space baseball on the moon. All pictures will be hung as in an art gallery. The group will select the three best pictures. The winners will discuss their pictures with reactions from the group.

36 If you believe there is intelligent life on another planet or planets, draw a picture of the people you see. What are they doing? A small group can look at each other's pictures. Have the pictures set up gallery style. Have each person explain what they drew and why?

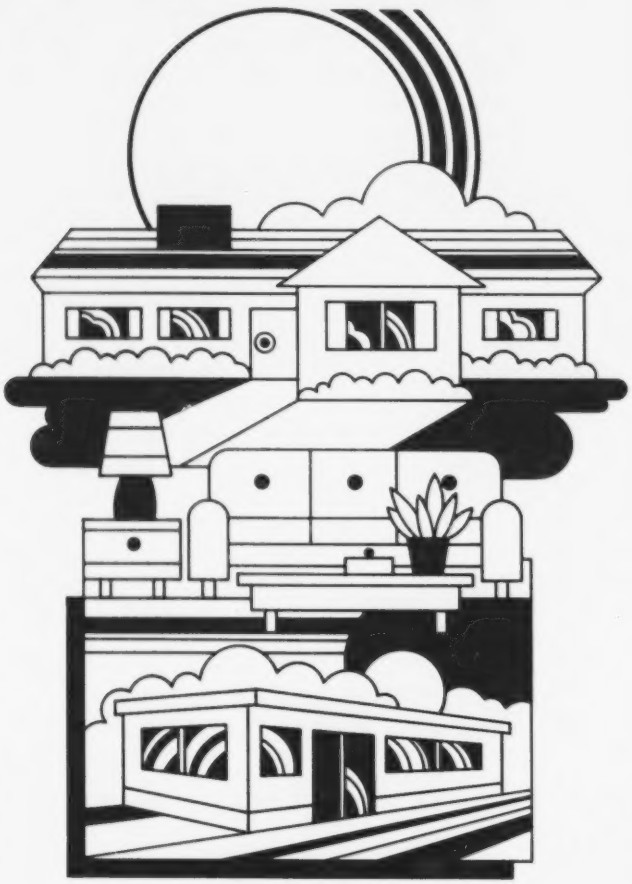
37 Make up you own futuristic drawing. Try it out with some of your friends or relatives.

CHAPTER V

PREPARING FOR THE WORLD OF TOMORROW THROUGH FUTURISTIC EXERCISES

Futuristic exercises work well with groups varying from kindergarten children to senior citizens in community centers. Participants rapidly become deeply involved. The exercises take on every aspect of reality.

Futuristic exercises, used with small groups, offer nonthreatening situations to learn new decision-making techniques. Old and new decision-making skills can be practiced to help solve complex problems. People learn to solve problems through consensus decision-making and avoid a win or lose situation. Consensus group decision-making has a lot of give and take. People receive and practice suggested policies and working guidelines that come out of spirited group discussions. Decisions are reached in a positive way. People feel good about their participation.



The one constant is change itself. Constant change destroys and creates at the same time. The thrust of futuristic exercises is to convert change into socially useful processes.

Futuristic exercises can be used to help us grow and develop to our potential. They can be nothing more than a fun experience with a small group of friends at home. We are living in a changing time and age. People must be able to project themselves into a different exciting tomorrow. Tomorrow is the future. How can people cope better with constant change? Futuristic exercises can help one understand new technological breakthroughs as well as emerging new careers and lifestyles. They can help us in ameliorating, modifying or solving problems and issues of living in a fast moving, changing and complex society.

Futuristic exercises help people solve present and potential problems facing both individuals and society. These exercises anticipate issues early on and view them as opportunities not

obstacles. They help develop the ability to see multiple, rather than single causes and effects of complex problems. Participants can develop realistic strategies. Individuals and groups see more clearly the whole as well as the parts of an issue.

Futuristic exercises are used to expand our potential both for the present and the future. People can prepare themselves to cope effectively with an evolving new technological age. Futuristic exercises allow one to anticipate the future, thereby preparing for it. Nearly anything we can dream of in our fantasies can become reality from a technological point of view. Futuristic exercises are a unique tool for better understanding and anticipating the future.

Viewing problems before they become reality provides a head start. It dilutes fear of the unknown. It makes meeting complex life situations and problems easier. Career choices and career changes and lifestyles can be contemplated in nonthreatening ways.

Futuristic exercises are like games. Interest comes easily. Life threatening issues can be faced before people are forced to cope with them. Futuristic exercises provide a safety net. One can participate and risk without danger.

Many occupations, careers and lifestyles will become obsolete during the 21st century. New careers are emerging; futuristic exercises motivate participants to explore the changing world of work and resolve lifestyle problems of the 21st Century. Futuristic exercises related to careers can be used at career conferences and in high school or college courses in occupational information. They help one understand the tremendous changes that will take place in the 21st Century. Individuals have to make decisions while aiming for moving targets.

At a recent international conference children in the early grades were asked questions about space. They showed a sophistication far beyond that of many of the adults present. When some 500 boys and girls in grade school were asked whether they would take the new space shuttle, about 99% said "yes."

Futuristic exercises are also an enjoyable way for people and groups to find out much more about each other. Many concern ethical dilemmas that never before existed. Take a good look at the futuristic exercises and drawings of the future. If they make a difference in your life, please let us hear from you.

Dreams become reality in these exercises. Background on jobs of tomorrow is provided in the compansion book, *New Emerging Careers: Today, Tomorrow, and in the 21st Century*. Together these books highlight how exciting it will be to live in the 21st Century.

CHAPTER IV

FUTURISTIC QUIZ[1]

Circle True or False

T F **1.** New, high-powered radio telescopes have enabled astronomers to prove that the Milky Way galaxy is at the center of the universe.

T F **2.** Suicide is no longer a pressing problem in the United States.

T F **3.** There is a trend today for young fathers to take a more active role with their children from the time they are born.

T F **4.** Adult learners will soon be a majority of the college student population.

T F **5.** Most Americans are opposed to organ donations on ethical grounds.

T F **6.** Astronauts in weightlessness sleep very deeply and are not easily aroused.

T F **7.** A study of successful marriages indicates that opposites attract.

T F **8.** An emerging new career is taste or image counselor.

T F **9.** Worldwide, people are consuming less fish.

T F **10.** The profession of mental health counseling is experiencing decreasing membership.

T F **11.** Graphology (handwriting analysis) is rarely used by personnel offices for hiring decisions.

T F **12.** Married couples are increasingly going into business together in the United States.

T F **13.** Food tastes better in space.

T F **14.** The fastest-growing old age group in the United States is 85 and over.

T F **15.** Cell-repair technology is still a dream that may take centuries to fulfill.

T F **16.** A boom in research on aging is anticipated in the decade ahead.

T F **17.** Genetic engineers have programmed bacteria to make proteins.

T F **18.** The current world shortage of nurses is expected to end in the near future.

[1]These items originally appeared in *The Futurist* in a column developed by Dr. Feingold. They are reprinted here with permission from *The Futurist*, 4916 St. Elmo Avenue, Bethesda, Maryland 20814.

T F **19.** Fathers are now nearly as likely to serve as primary parents as mothers.

T F **20.** Electronic publishing is not catching on.

T F **21.** Thanatologists counsel infertile couples.

T F **22.** Neutrino astronomers have found proof that no kind of life exists in this galaxy other than on Earth.

T F **23.** Very few states are sponsoring future studies projects for their jurisdictions.

T F **24.** Most divorced people remarry.

T F **25.** About 400 corporations offer their own instructional programs to their employees.

T F **26.** Most juvenile delinquents do *not* go on to a life of crime as adults.

T F **27.** The population of the United States is leveling off.

T F **28.** The U.S. Supreme Court has ruled that new life forms created in laboratories can be patented.

T F **29.** There are no businesses from the time of the U.S. Revolutionary War still in business.

T F **30.** There is accelerated growth today of careers that require interdisciplinary study.

T F **31.** In order to do treasure hunting in Florida, you need a license.

T F **32.** This year, fewer women than men will start their own businesses.

T F **33.** By 1990, there will be more college-educated women than men entering the U.S. work force.

T F **34.** Mortality rates are not affected by the types of jobs that people hold.

T F **35.** More people will live and work underground in the 21st century.

T F **36.** Fish farming is more profitable per acre than raising cotton.

T F **37.** There will be 10,000 Americans aged 100 and older in the year 2000.

T F **38.** By the year 2000, there will be twice as much information available as in 1980.

T F **39.** Rules and responsibilities for colonies on the moon are now being drawn up by interdisciplinary scientists.

T F **40.** A student in high school today will change jobs or careers about five times during his or her lifetime.

T F **41.** A selenologist is someone who studies marketing and high-tech sales techniques.

T F **42.** The home is the predominant site for education and training in the Third World.

T F **43.** No U.S. prisons are privately owned.

T F **44.** Dual-career families now outnumber those in which the husband is the only breadwinner.

T F **45.** People in the twenty-first century may live up to age 150.

T F **46.** Petroleum-based fuels will continue to supply aerospace and other energy needs through the end of the next century.

T F **47.** The average teenage runaway is not likely to run away more than once or to become involved in crime.

T F **48.** No more than 10% of the people now entering the work force have used illegal drugs.

T F **49.** By the turn of the century, minority students will make up one-third of the entire population of college-age young people in the United States.

T F **50.** There is considerable interest in the United States for a manned exploration of Mars in the twenty-first century.

T F **51.** Half of all persons currently over age 65 reside in nursing homes.

T F **52.** Franchising is a business fad that has run its course.

T F **53.** In the future, medicines manufactured in space will be purer and less expensive than those made on earth.

T F **54.** Nonprofit associations are a booming source of employment.

T F **55.** The chief problem facing public schools today is a lack of qualified teachers.

T F **56.** Nearly half of all U.S. children aged 3 and 4 are enrolled in an early childhood education program.

T F **57.** Volunteerism is on the decline in the United States.

T F **58.** With family planning and a rising educational level all over the world, population growth is finally leveling off.

T F **59.** In the United States, manufacturing workers are most vulnerable to layoffs.

T F **60.** In general, medicine as a profession has lost its prestige.

T F **61.** Interest in the travel business is lagging, and further decline is expected over the next five years.

T F **62.** The hospice movement in the United States is a late-1980s phenomenon.

T F **63.** The most rapidly growing family type in the United States consists of husband, wife and two children.

T F **64.** Hundreds of new jobs and careers have already been developed from space exploration.

T F **65.** Very few people alive today will be alive in the year 2080.

ANSWERS

1. False There is no such thing as the center of the universe. What's more, there are 100 billion galaxies, according to astronomer Carl Sagan.

2. False According to the American Academy of Child Psychology, more than 5,000 Americans between the ages of 15 and 24 will end their lives this year. In addition, 10 people attempt suicide for every person who succeeds. This means that more than 50,000 young people and 250,000 adults tried to end their lives during 1987. Efforts to alleviate this mental health problem are increasing.

3. True Minnesota will become the first state to pass a law requiring employers to give new mothers and fathers time off without pay. It joins nine states mandating leave for mothers and is the only state that requires leave for fathers.

4. True Adults aged 25 or older constituted 30% of students enrolled in college credit courses in 1972. Predictions are that, by 1992, half of the college population will be adults.

5. False Most Americans support organ donation; however, only 17% of Americans carry organ-donor cards. Currently, approximately 12,000 people are waiting for organ donations. Information on organ donation can be obtained from The Living Bank, P.O. Box 6725, Houston, Texas 77265.

6. False According to Charles Fuller, a professor of psychology at the University of California who has heard from many astronauts, a sound night's sleep is hard to come by in space. On some of the Soviet missions in space, sleep has been a real problem. Sleep is exceedingly important as plans are made for a manned mission to Mars.

7. **False** An ongoing study by K. Warner Schaie, professor of human development at Pennsylvania State University, has shown that people tend to pick partners who are similar to themselves. The longer they are married, the more they are like each other. With the high divorce rate in the United States, perhaps further studies can predict with statistical significance how long a marriage will continue.

8. **True** The reason for this new career is time constraints and the growing number of choices in the marketplace. These counselors will help to decide what clothing, furniture, decoration, etc., is best for you. Some department stores have a personal shopper who selects gifts for you and writes the appropriate cards. In the years ahead, there will probably be even more of these counselors or image makers.

9. **False** Over a billion people worldwide rely on fish to help fill their daily nutritional needs. There is a spiraling demand for game fish and food fish. More people are being introduced to edible fish that were never on the menu before. The American Fisheries Society helps thousands of scientists in the United States whose research and experiments aim to meet the increasing demand.

10. **False** The American Mental Health Counselors Association, established in 1976 with a membership of 50, now numbers more than 10,000.

11. **False** At least 3,000 concerns in the United States use graphology in hiring practices. In Europe, it runs about 85%. In Israel, graphology is more widely used than any other single personality test.

12. **True** The number of married couples going into business has been growing at about a 20% rate annually for the last few years, according to a National Business Institute research study.

13. **False** Weightlessness deadens the taste buds, so food in space needs more spice. Astronauts liberally add salt, pepper, catsup and Tabasco sauce. Coffee is hard to taste in space.

14. **True** Predicted growth in this age category will continue to rise until at least the year 2040.

15. **False** Prominent scientists estimate that cell repair technology may be realized in two to three decades. Cell repair technology will make it possible to return some species from apparent extinction as well as extend healthy life for people, enabling them to live a long, long time. People will also grow healthier as they grow older. See *Engines of Creation* (Anchor Press/Doubleday) by K. Eric Drexler, a research affiliate at the MIT Space Systems labs.

16. **True** One Danish biotechnology company, Senetek, now specializes in research on aging. Eastman Kodak and ICN Pharmaceuticals show an interest in aging research and the production of drugs that might extend the life-span.

17. **True** Engineered proteins include growth hormone and rennin, an enzyme used in making cheese. Eli Lilly, a pharmaceutical firm, is marketing human insulin made by bacteria.

18. **False** According to projections by the U.S. Department of Health and Human Services, the number of students entering nursing schools will continue to drop through the end of the century. If current trends continue unchanged, the United States alone may have a shortage of 1.2 million nurses by the year 2000.

19. **False** Of nearly 25 million families in the United States, only 77,000 fathers (less than 1%) take the primary parenting role.

20. **False** The Academic American Encyclopedia, for example, structured as a simple hypertext, has been made available to thousands of subscribers.

21. **False** Thanatologists counsel the terminally ill. As society ages, more counselors specializing in treatment of the elderly and their families will be required.

22. **False** No study, either by neutrino astronomers or anyone else, has *proven* that no life exists except on Earth. Many scientists are searching for life. For example, astronomers in Harvard, Massachusetts, continuously scan the sky via telescope for signs of extraterrestrial intelligence; their project is expected to last at least 25 years.

23. **False** Nearly every state in the United States has a government-sponsored committee to study future needs of their state and what direction they should take to meet these future needs.

24. **True** About 80% of divorced persons in the United States remarry within four to five years; 60% of them have at least one more child.

25. **True** Corporate-sponsored education and training programs are the wave of the future. IBM, for example, spends about $900 million a year on employee education.

26. **True** Crime is committed by youth more than any other group. As they attain their late twenties, they commit fewer crimes.

27. **False** The population at the present time is about 241 million and is projected by the Bureau of Labor Statistics to be 260 million by 1995.

28. **True** The U.S. Patent Office has approved more than 3,000 biotechnology-related patents to date.

29. **False** Many companies and products have long track records. For example, General George Washington gave a gift of No. 6 Cologne to the Marquis de Lafayette. You can still purchase the scent at the Caswell Massey Company, which started in 1752. Today, President Reagan works out on equipment from the nation's

oldest business, J. E. Rhoades and Sons, Inc., which was founded in Delaware in 1702.

30. **True** One of the best examples today is biotechnology.

31. **True** Treasure hunters of the twentieth and twenty-first centures have a lot more to know, such as oceanography, geology, international law of the sea treaties, museology, etc. Most professions now require that members attain continuing education credits within a certain period of time in order to retain their licenses. This is increasingly true of nonprofessional occupations.

32. **False** Not only do more women start small business than do men, but their failure rate is considerably lower.

33. **True** Women are now the majority in college and university freshman classes and comprise about one-third of enrollment in law, medicine and architecture schools. Thus the projection that more college educated women than men will enter the work force by 1990 appears to be right on target.

34. **False** Studies have shown different mortality rates for different jobs. Schoolteachers, for example, live longer than many other professionals.

35. **True** Experts agree that extensive underground habitation is feasible and even desirable.

36. **True** Farmers are increasingly switching to fish farming. Currently, only 4% of America's food-consumption needs is met through fish farming. But the future looks promising. For example, commercial lobster farming is beyond the R&D stage, and the industry will probably grow by the year 2000. Long-range projections for the prawn-farming industry also look good. And commercial trout culture is a multimillion dollar industry.

37. **False** There will be 10 times that number—100,000—of Americans age 100 years and older in the year 2000. Many of these older people will be in good health and able to work long past traditional retirement age.

38. **False** The amount of information available will *quadruple* between 1980 and 2000. About 55% of jobs today are in the information area, and the proportion is expected to grow to more than 80% by the year 2000.

39. **True** A new book entitled *Envoys of Mankind* (Smithsonian Institution Press) outlines principles for self-government in space. Also, see the Planetary Society's Magazine.

40. **False** Today's students will have to be prepared to change jobs or careers at least 10 times during their lifetimes—and this may even be a modest projection.

41. **False** Selenologists study the moon, just as geologists study the earth. Future exploration of the moon and other parts of space may mean a greater demand for this science profession.

42. **True** Accredited home study is making it possible for Third World countries to enhance the educational development of their people. Home study is possible where traveling to school would be cost-prohibitive or impossible. Home study is also very popular in the United States. At least one senator and president of the United States have gone the home-study route.

43. **False** Some prisons—in Pennsylvania and California, for example—are privately owned. Privatization of certain public services may be the wave of the future as governments seek to reduce costs and improve efficiency.

44. **True.** Three out of five married couples are two-income families, and the trend is likely to continue.

45. **True** People are living longer as diseases are conquered and prevented. Improved nutrition and exercise are also making a difference. Many scientists believe the next few decades will see breakthroughs in our understanding of the aging process.

46. **False** Petroleum products are projected to be exhausted in about 30 years. Future aerospace vehicles will be designed for alternate fuels. Hydrogen is well established as a fuel for space machines and also has many advantages for jet propulsion.

47. **False** About a million teenagers run away each year, more than half of whom have run away at least three times. An estimated 187,500 runaways are involved in such illegal activities as drug dealing or prostitution.

48. **False** Close to 65% of people now entering the work force have used illegal drugs. Between 10% and 23% of U.S. workers are using drugs on the job. It is estimated that the cost to American businesses is $50–100 billion per year. A number of companies have turned to drug testing.

49. **True** This projection is made by the American Council on Education. Many colleges are now planning ways to meet the needs of these minority students.

50. **True** The Planetary Society is sponsoring a contest for high school and college students on the topic. For information, contact: Mars Student Contest, The Planetary Society, 65 N. Catalina Avenue, Pasadena, California 91106.

51. **False** This is a myth that refuses to die. Only 5% of people over age 65 are in nursing homes. About 30% live alone and 65% live with a spouse or with adult children or other relatives.

52. **False** Franchising is a growing industry. In 1988, franchises accounted for about 34% of all retail sales in the United States, according to the U.S. Department of

Commerce, and employed some 7 million people—up from 5 million in 1983. Franchises are also growing in Canada, Scotland, England, Japan and Australia. For more information, write to Info Franchise News, Inc., 728 Center Street, P.O. Box 550, Lewiston, New York 14092.

53. True The ability to manufacture essential medicines in space will make a major difference in the lives of people on the verge of death who must now take extremely expensive medicines—some as much as $3,000 per treatment.

54. True Today, 7.8 million people work for nonprofit organizations. This figure is expected to reach 9 million by the 1990s, according to the U.S. Department of Labor *Monthly Labor Review*.

55. False According to a study by the Gallup Poll reported in *The Education Almanac*, the chief problem facing public schools today is drug abuse, followed by discipline.

56. True Most of these programs are conducted under private auspices and involve payment. There is growing pressure on public schools to add two additional grades.

57. False Approximately one-fourth of all Americans participate in some activity as a volunteer, according to *The Final Transition*.

58. False The world's population is now over 5 billion; the World Bank predicts global population to climb to 10 billion by 2050.

59. True In 1983 and 1984, more than a million workers lost their jobs due to business closure or permanent mass layoff in establishments with more than 100 workers. A nationwide survey conducted by the General Accounting Office showed that manufacturing workers were harder hit than workers in service industries, and midwestern and northeastern regions had disproportionate shares of closing and mass layoffs.

60. False The medical profession continues to attract young people. According to *Physicians Management*, the top three reasons that physicians choose medicine as a career are: desire to contribute to the betterment of society, desire for professional independence, and desire to diagnose and cure disease.

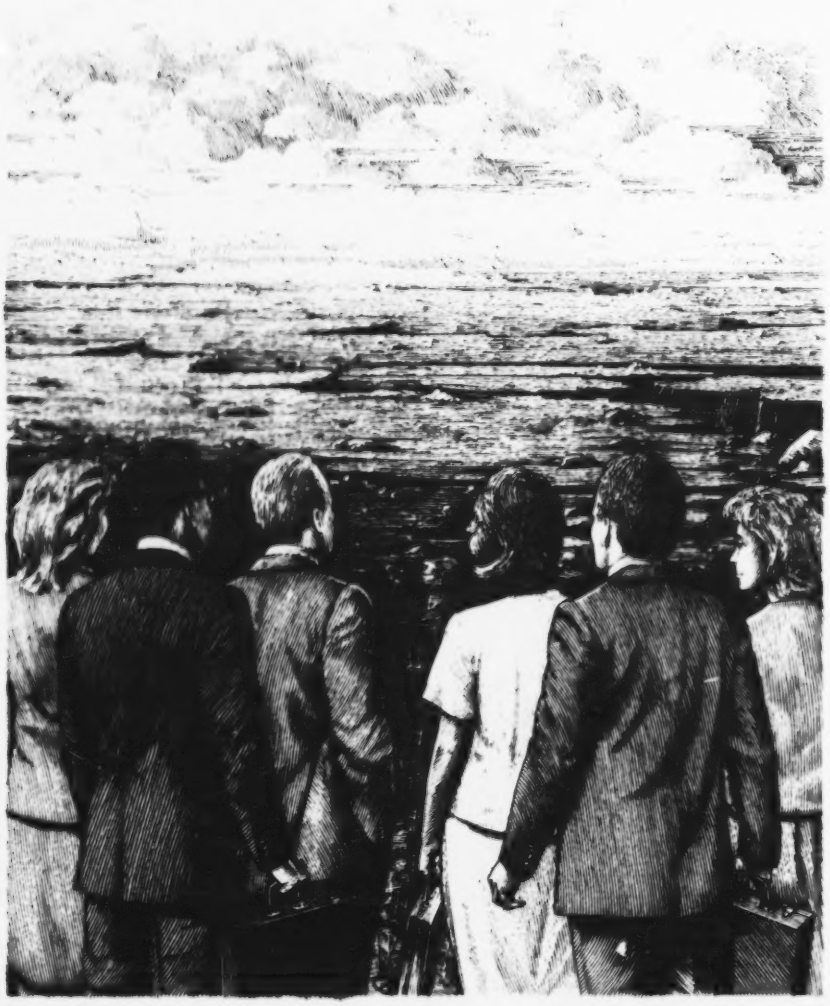
61. False Travel agencies and opportunities in transportation are in a period of growth. The number of travel agencies is expected to grow by 44% by 1995, and some 400,000 new jobs in trucking are projected by 1995, according to *The Education Almanac*.

62. False The hospice concept started in Connecticut in 1971 and rendered service to terminally ill patients and their families in 1974. A hospice is an medically directed, multidisciplinary program providing skills and care for terminally ill patients and their families to live as fully as possible until the time of death. The hospice movement has been served by many thousands of volunteers.

63. False Stepfamilies are the most rapidly growing family type in the United States, and the trend is likely to continue.

64. True For example: astronaut, space physician, exotic welder, exobiologist, space-launch director, selenologist and payload specialist.

65. False There are likely millions of people today who will be alive in 2080. The over 100 age group is growing rapidly.



CHAPTER VII

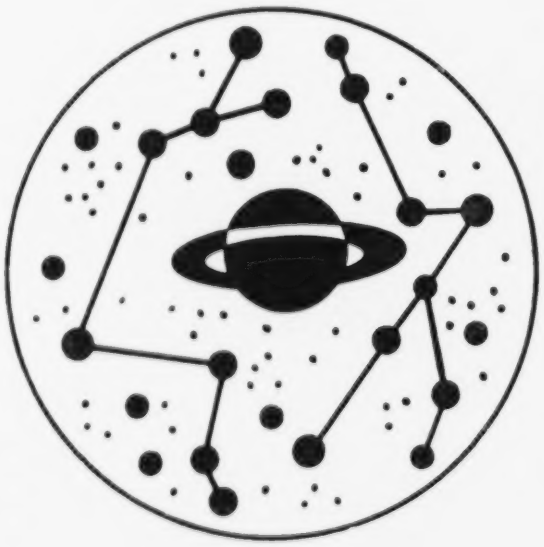
FUTURE EXERCISES A AND B

FUTURE EXERCISE FORM A

WHAT ARE THE CHANCES THAT THE FOLLOWING ACTIVITIES MIGHT TAKE PLACE BY THE YEAR 2000?

	100%	80%	60%	50%	40%	20%	0%
1. Life expectancy extended to more than 150 years.							
2. Machine intelligence exceeding man's.							
3. Ability to control man's character and intelligence by chemical or other means.							
4. Replacement of most body parts.							
5. Regeneration of new limbs and organs.							
6. Landing of humans on the planet Mars.							
7. Practical and routine use of extrasensory phenomena.							
8. Contact with extra-terrestrials.							
9. Weather control.							
10. Any kind of near light speed travel.							
11. Interstellar travel by humans.							
12. Major modification of human species (no longer homosapiens).							
13. Permanent human colony on the moon.							
14. A nuclear war will be averted.							
15. Human ability to speak to dolphins.							
16. Probes and visits to other planets.							
17. Human colonies live for extended periods of time under the sea.							
18. Solar energy will provide most of our increasing energy needs.							
19. Humans will be able to select the sex of their children.							

	100%	80%	60%	50%	40%	20%	0%
20. Contact will be made with life on other planets.							
21. Drugs have been introduced that can cure or prevent mental retardation.							
22. A three day work week.							
23. More people will work and be paid at home than at the office or factory.							
24. Unemployment less than 5%.							
25. Guaranteed income for all families.							
26. The space age will offer many hundreds of emerging new careers.							
27. Women will earn the same salary as men for comparable work.							
28. More than 50% of all U.S. marriages will be dual career.							
29. There will be a woman president of the United States.							
30. Counselors will need to be licensed or certified no matter what their work setting is.							



FUTURE EXERCISE FORM B

WHAT ARE THE CHANCES THAT THE FOLLOWING ACTIVITIES MIGHT TAKE PLACE BY THE YEAR 2050?

	100%	80%	60%	50%	40%	20%	0%
1. Life expectancy extended to more than 150 years.							
2. Machine intelligence exceeding man's.							
3. Ability to control man's character and intelligence by chemical or other means.							
4. Replacement of most body parts.							
5. Regeneration of new limbs and organs.							
6. Landing of humans on the planet Mars.							
7. Practical and routine use of extrasensory phenomena.							
8. Contact with extra-terrestrials.							
9. Weather control.							
10. Any kind of near light speed travel.							
11. Interstellar travel by humans.							
12. Major modifications of human species (no longer homosapiens).							
13. Permanent human colony on the moon.							
14. A nuclear war will be averted.							
15. Human ability to speak to dolphins.							
16. Probes and visits to other planets.							
17. Human colonies live for extended periods of time under the sea.							
18. Solar energy will provide most of our increasing energy needs.							
19. Humans will be able to select the sex of their children.							
20. Contact will be made with life on other planets.							
21. Drugs have been introduced that can cure or prevent mental retardation.							

	100%	80%	60%	50%	40%	20%	0%
22. A three day work week.							
23. More people will work and be paid at home than at the office or factory.							
24. Unemployment less than 5%.							
25. Guaranteed income for all families.							
26. The space age will offer many hundreds of emerging new careers.							
27. Women will earn the same salary as men for comparable work.							
28. More than 50% of all U.S. marriages will be dual career.							
29. There will be a woman president of the United States.							
30. Counselors will need to be licensed or certified no matter what their work setting is.							

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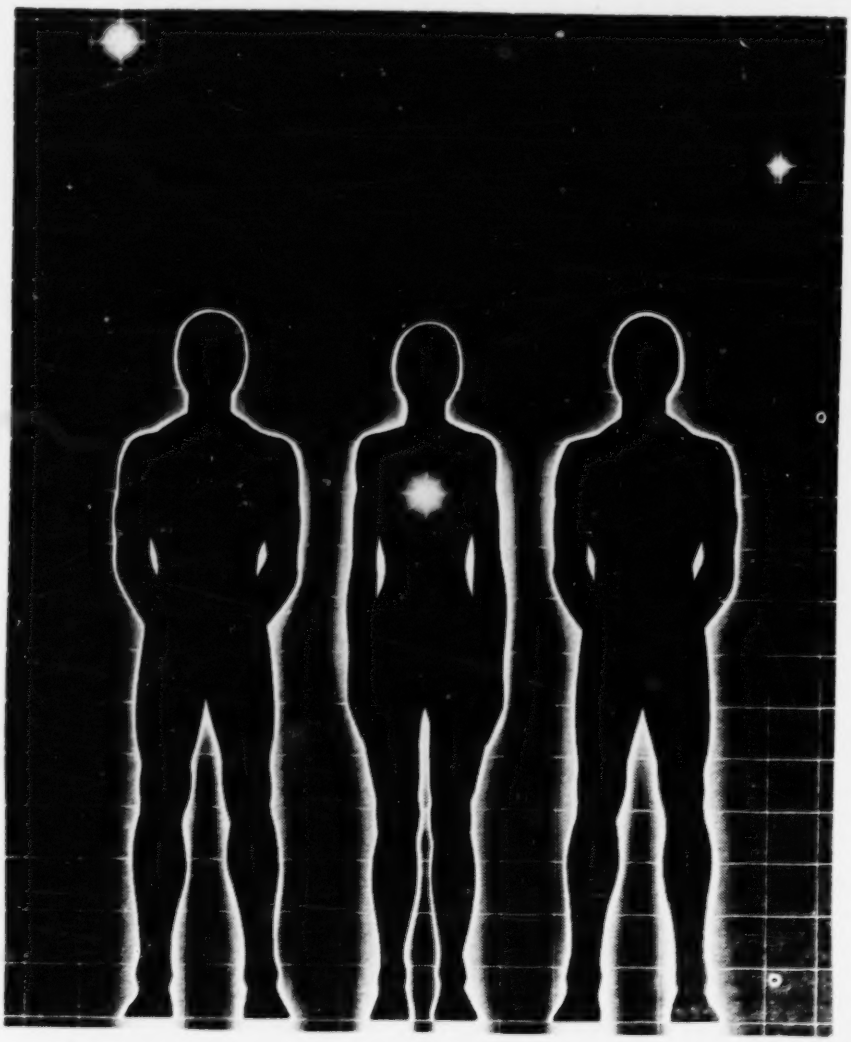
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